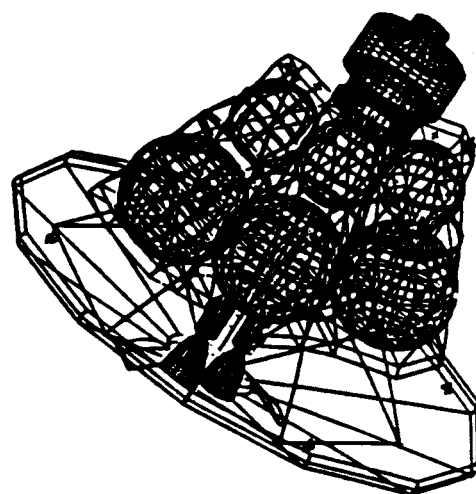
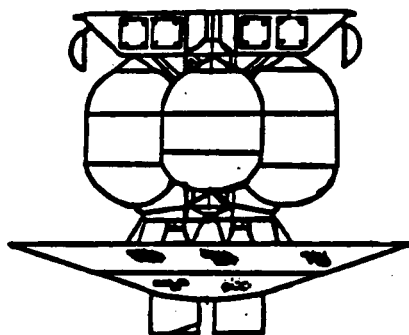
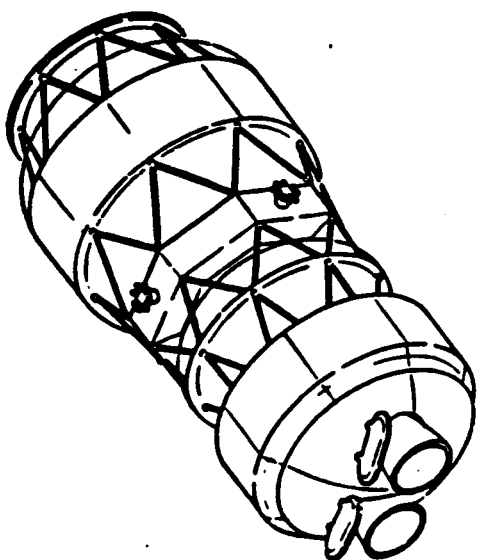


Boeing Aerospace Operations

ORBITAL TRANSFER VEHICLE Launch Operations Study



AUTOMATED TECHNOLOGY KNOWLEDGE BASE

VOLUME 4 OF 5

MARCH 7, 1986

FINAL REPORT

KENNEDY SPACE CENTER
NAS10-11165

(NASA-CR-179706) ORBITAL TRANSFER VEHICLE
LAUNCH OPERATIONS STUDY: AUTOMATED
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TECHNOLOGY IDENTIFICATION

Early in the study it was determined that a large amount of information detailing the availability of automation-related technology was available, on-line, in several data bases such as NASA/RECON, NTIS, INSPEC, and others. All of these data bases have a major problem in extracting specific, applicable information that may be directly applied to a particular problem.

The process of using the expanded thesaurus is straight forward and is to be used on-line with NASA/RECON. Following is a description of how the ATKB Thesaurus would be used. Both Primary and Secondary Keys are listed in the ATKB Thesaurus (see Appendix A). Using the list of Primary Keys, select a key and use this key to query NASA/RECON. Depending on the Primary key you selected, you will end up with a set of citation(s). The number of citations in this set may be very large. If there are more citations in this set than you wish to review, select one or more keys from the list of Secondary keys to help you limit the information selection previously identified by using only the Primary key. The number of citations associated with each Secondary Key is indicated in the ATKB Thesaurus. While this will give you no indication of how many will result from the combination of keys, one does at least have the preliminary information that the number of citation(s) obtained will be no more than the smallest number associated with any of the Keys selected for the sorting process. The system will combine these keys as a "logic AND set". The result of this is that only those citations having the selected Keys in common will be listed. Once the identified set is of a manageable size then the citations can be reviewed manually by using the NASA/RECON display function.

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APPENDIX A

AUTOMATION TECHNOLOGY
KNOWLEDGE BASE
(NASA/RECON)
THESAURUS

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**THE FOLLOWING PAGES ARE TO BE USED TO SELECT THE PRIMARY
KEYS WHILE SEARCHING THE NASA/RECON DATABASE FOR
AUTOMATION RELATED INFORMATION**

***** Primary Automation Technology Keys *****

AIRBORNE	COMPUTER SYSTEMS PERFORMANCE
ALGORITHMS	COMPUTER SYSTEMS PROGRAMS
ARCHITECTURE (COMPUTERS)	COMPUTER TECHNIQUES
ARTIFICIAL INTELLIGENCE	COMPUTERIZED SIMULATION
AUTOMATA THEORY	COMPUTERS
AUTOMATIC CONTROL	CONFERENCES
AUTOMATIC TEST EQUIPMENT	CONNECTORS
AUTOMATION	COST EFFECTIVENESS
AVIONICS	CYBERNETICS
CALIBRATING	DATA ACQUISITION
CAMERAS	DATA BASE MANAGEMENT SYSTEMS
CANS	DATA BASES
CENTRAL PROCESSING UNITS	DATA PROCESSING
CHARGE COUPLED DEVICES	DATA PROCESSING TERMINALS
CHIPS (ELECTRONICS)	DATA STORAGE
COMMUNICATION NETWORKS	DATA TRANSMISSION
COMPUTER AIDED DESIGN	DECISION MAKING
COMPUTER AIDED MANUFACTURING	DESIGN ANALYSIS
COMPUTER DESIGN	DIGITAL COMPUTERS
COMPUTER GRAPHICS	DIGITAL SYSTEMS
COMPUTER INFORMATION SECURITY	DIGITAL TECHNIQUES
COMPUTER NETWORKS	DISCONNECT DEVICES
COMPUTER PROGRAMMING	DISPLAY DEVICES
COMPUTER PROGRAMS	ELECTRIC CONNECTORS
COMPUTER STORAGE DEVICES	ELECTRONIC EQUIPMENT TESTS
COMPUTER SYSTEMS DESIGN	ERROR ANALYSIS

FAILURE ANALYSIS	PATTERN RECOGNITION
FAULT TOLERANCE	PERFORMANCE TESTS
FLIGHT TESTS	PRODUCTION ENGINEERING
HARDWARE	PROGRAM VERIFICATION COMPUTER
HUMAN FACTORS ENGINEERING	PROGRAMMING LANGUAGES
IMAGE PROCESSING	QUALITY CONTROL
INFERENCE	REAL TIME OPERATION
INFORMATION SYSTEMS	RELIABILITY ANALYSIS
INTEGRATED CIRCUITS	RELIABILITY ENGINEERING
INTERFACES	ROBOTICS
LOGIC DESIGN	ROBOTS
MAINTENANCE	SIGNAL PROCESSING
MAN MACHINE SYSTEMS	SPACEBORNE ASTRONOMY
MANIPULATORS	SYSTEM EFFECTIVENESS
MANUFACTURING	SYSTEMS ANALYSIS
MATHEMATICAL MODELS	SYSTEMS ENGINEERING
MICROCOMPUTERS	SYSTEMS INTEGRATION
MICROELECTRONICS	TECHNOLOGY ASSESSMENT
MICROPROCESSORS	TECHNOLOGY UTILIZATION
MILITARY TECHNOLOGY	TELEVISION CAMERAS
MINICOMPUTERS	USER REQUIREMENTS
MULTIPROCESSING (COMPUTERS)	VERY LARGE SCALEINTEGRATION
NONDESTRUCTIVE TESTS	
NUMERICAL CONTROL	
OPTIMIZATION	
PARALLEL PROCESSING (COMPUTERS)	

**THE FOLLOWING PAGES ARE TO BE USED TO SELECT THE
SECONDARY KEYS WHILE SEARCHING THE NASA/RECON DATABASE
FOR AUTOMATION RELATED INFORMATION**

SECONDARY KEYS

Key	No.	Key	No.
A-10 AIRCRAFT.....	3	ACCIDENTS.....	3
A-300 AIRCRAFT.....	2	ACCOUNTING.....	3
A-310 AIRCRAFT.....	1	ACCUMULATORS.....	1
A-320 AIRCRAFT.....	3	ACCUMULATORS (COMPUTERS).....	2
A-6 AIRCRAFT.....	1	ACCURACY.....	48
A-7 AIRCRAFT.....	1	ACEE PROGRAM.....	1
ABERRATION.....	7	ACHIEVEMENT.....	3
ABILITIES.....	8	ACID RAIN.....	1
ABLATION.....	5	ACIDS.....	1
ABLATIVE MATERIALS.....	2	ACOUSTIC ATTENUATION.....	2
ABSORBENTS.....	2	ACOUSTIC EMISSION.....	5
ABSORBERS (MATERIALS).....	2	ACOUSTIC LEVITATION.....	1
ABSORPTION.....	1	ACOUSTIC MEASUREMENT.....	9
ABSORPTION SPECTRA.....	3	ACOUSTIC MICROSCOPES.....	1
ABSTRACTS.....	6	ACOUSTIC PROPAGATION.....	2
ACCELERATED LIFE TESTS.....	8	ACOUSTIC PROPERTIES.....	2
ACCELERATION (PHYSICS).....	6	ACOUSTIC SCATTERING.....	1
ACCELERATION STRESSES PHYSIOL.	1	ACOUSTIC SOUNDING.....	1
ACCELEROMETERS.....	6	ACOUSTICAL HOLOGRAPHY.....	3
ACCEPTABILITY.....	6	ACOUSTICS.....	10
ACCEPTOR MATERIALS.....	1	ACOUSTO-OPTICS.....	9
ACCESS CONTROL.....	45	ACQUISITION.....	9
ACCESS TIME.....	8	ACRYLIC RESINS.....	1
ACCESSORIES.....	1	ACTIVE CONTROL.....	1
ACCIDENT INVESTIGATION.....	1	ACTUATORS.....	22
ACCIDENT PREVENTION.....	1	ADA (PROGRAMMING LANGUAGE)....	13

SECONDARY KEYS

Key	No.	Key	No.
ADAPTATION.....	9	AERODYNAMIC LOADS.....	3
ADAPTERS.....	6	AERODYNAMIC STABILITY.....	4
ADAPTIVE CONTROL.....	52	AERODYNAMIC STALLING.....	3
ADAPTIVE FILTERS.....	10	AERODYNAMICS.....	18
ADAPTIVE OPTICS.....	2	AEROELASTICITY.....	2
ADDING CIRCUITS.....	7	AERONAUTICAL ENGINEERING.....	16
ADDITION.....	2	AERONAUTICS.....	2
ADDRESSING.....	12	AEROSOLS.....	3
ADHESION TESTS.....	3	AEROSPACE ENGINEERING.....	19
ADHESIVE BONDING.....	4	AEROSPACE ENVIRONMENTS.....	11
ADHESIVES.....	2	AEROSPACE INDUSTRY.....	13
ADIABATIC CONDITIONS.....	1	AEROSPACE MEDICINE.....	11
ADJUSTING.....	3	AEROSPACE SAFETY.....	2
AERATION.....	1	AEROSPACE SCIENCES.....	7
AERIAL PHOTOGRAPHY.....	79	AEROSPACE SYSTEMS.....	22
AERIAL RECONNAISSANCE.....	26	AEROSPACE TECHNOLOGY TRANSFER.....	12
AEROACOUSTICS.....	1	AEROSPACE VEHICLES.....	2
AEROASSIST.....	2	AEROSTATICS.....	2
AEROBIOLOGY.....	1	AEROTHERMO DYNAMICS.....	3
AEROCAPTURE.....	1	AFRICA.....	1
AERODYNAMIC CHARACTERISTICS...	12	AFTERBURNING.....	1
AERODYNAMIC COEFFICIENTS.....	1	AFTERIMAGES.....	1
AERODYNAMIC CONFIGURATIONS....	8	AGE FACTOR.....	1
AERODYNAMIC DRAG.....	4	AGGLOMERATION.....	1
AERODYNAMIC HEATING.....	2	AGING (MATERIALS).....	8
AERODYNAMIC INTERFERENCE.....	1	AGRICULTURE.....	6

SECONDARY KEYS

Key	No.	Key	No.
AGRISTARS PROJECT.....	1	AIR TRAFFIC.....	2
AGROMETEOROLOGY.....	1	AIR TRAFFIC CONTROL.....	31
AH-1G HELICOPTER.....	1	AIR TRAFFIC CONTROLLERS.....	6
AH-64 HELICOPTER.....	4	AIR TRANSPORTATION.....	8
AIR.....	1	AIR WATER INTERACTIONS.....	1
AIR BREATHING ENGINES.....	2	AIRBORNE SURVEILLANCE RADAR...	5
AIR CARGO.....	6	AIRCRAFT ACCIDENT INVESTIGATIO	1
AIR CONDITIONING.....	1	AIRCRAFT ACCIDENTS.....	1
AIR COOLING.....	2	AIRCRAFT ANTENNAS.....	1
AIR CURRENTS.....	1	AIRCRAFT APPROACH SPACING.....	2
AIR DEFENSE.....	6	AIRCRAFT CARRIERS.....	6
AIR DROP OPERATIONS.....	3	AIRCRAFT COMMUNICATION.....	3
AIR FILTERS.....	3	AIRCRAFT COMPARTMENTS.....	1
AIR FLOW.....	6	AIRCRAFT CONFIGURATIONS.....	4
AIR INTAKES.....	1	AIRCRAFT CONSTRUCTION MATERIAL	13
AIR LAUNCHING.....	3	AIRCRAFT CONTROL.....	25
AIR LAW.....	2	AIRCRAFT DESIGN.....	35
AIR LOCKS.....	1	AIRCRAFT DETECTION.....	2
AIR MASSES.....	1	AIRCRAFT ENGINES.....	32
AIR NAVIGATION.....	7	AIRCRAFT EQUIPMENT.....	60
AIR POLLUTION.....	6	AIRCRAFT FUEL SYSTEMS.....	3
AIR QUALITY.....	3	AIRCRAFT FUELS.....	2
AIR SAMPLING.....	5	AIRCRAFT HAZARDS.....	3
AIR TO AIR MISSILES.....	7	AIRCRAFT HYDRAULIC SYSTEMS....	1
AIR TO AIR REFUELING.....	3	AIRCRAFT INDUSTRY.....	17
AIR TO SURFACE MISSILES.....	5	AIRCRAFT LANDING.....	11

SECONDARY KEYS

Key	No.	Key	No.
AIRCRAFT MAINTENANCE.....	53	AIRPORT PLANNING.....	6
AIRCRAFT MANEUVERS.....	5	AIRPORTS.....	5
AIRCRAFT MODELS.....	3	AIRSHIPS.....	9
AIRCRAFT NOISE.....	1	AIRSPACE.....	2
AIRCRAFT PARTS.....	7	AIRSPEED.....	6
AIRCRAFT PERFORMANCE.....	13	ALASKA.....	1
AIRCRAFT PILOTS.....	6	ALBEDO.....	2
AIRCRAFT PRODUCTION.....	14	ALCOHOLS.....	1
AIRCRAFT PRODUCTION COSTS.....	4	ALERTNESS.....	2
AIRCRAFT RELIABILITY.....	12	ALGAE.....	1
AIRCRAFT SAFETY.....	11	ALGEBRA.....	19
AIRCRAFT SPECIFICATIONS.....	2	ALGOL.....	3
AIRCRAFT STABILITY.....	1	ALGORITHMS.....	1
AIRCRAFT STRUCTURES.....	21	ALIGNMENT.....	14
AIRCRAFT SURVIVABILITY.....	2	ALKALI METALS.....	1
AIRCRAFT TIRES.....	1	ALKALIES.....	1
AIRCRAFT WAKES.....	1	ALL SKY PHOTOGRAPHY.....	5
AIRCRAFTINSTRUMENTS.....	11	ALL-WEATHER AIR NAVIGATION....	1
AIRDROPS.....	1	ALLOCATIONS.....	3
AIRFIELD SURFACE MOVEMENTS....	2	ALLOWANCES.....	1
AIRFOIL PROFILES.....	4	ALLOYS.....	5
AIRFOILS.....	3	ALOHA SYSTEM.....	1
AIRFRAME MATERIALS.....	1	ALPHA JET AIRCRAFT.....	1
AIRFRAMES.....	8	ALPHANUMERIC CHARACTERS.....	2
AIRGLOW.....	3	ALTERNATING CURRENT.....	4
AIRLINE OPERATIONS.....	20	ALTIMETERS.....	1

SECONDARY KEYS

Key	No.	Key	No.
ALTITUDE.....	2	ANALOGS.....	1
ALTITUDE SIMULATION.....	4	ANALYSIS (MATHEMATICS).....	8
ALUMINUM.....	11	ANALYSIS OF VARIANCE.....	1
ALUMINUM ALLOYS.....	7	ANALYZERS.....	4
ALUMINUM BORON COMPOSITES.....	1	ANATOMY.....	1
ALUMINUM COATINGS.....	1	ANCHORS (FASTENERS).....	2
ALUMINUM GALLIUM ARSENIDES....	1	ANECHOIC CHAMBERS.....	2
ALUMINUM OXIDES.....	4	ANGLE OF ATTACK.....	6
AMBIGUITY.....	4	ANGLES (GEOMETRY).....	9
AMERICIUM 241.....	1	ANGULAR CORRELATION.....	1
AMMONIA.....	2	ANGULAR MOMENTUM.....	1
AMMUNITION.....	1	ANGULAR RESOLUTION.....	6
AMORPHOUS SEMICONDUCTORS.....	1	ANGULAR VELOCITY.....	2
AMPHITRITE ASTEROID.....	1	ANIMALS.....	4
AMPLIFICATION.....	4	ANISOTROPIC PLATES.....	1
AMPLIFIER DESIGN.....	3	ANISOTROPY.....	2
AMPLIFIERS.....	7	ANNUAL VARIATIONS.....	2
AMPLITUDE DISTRIBUTION ANALYSI	3	ANNULAR FLOW.....	1
AMPLITUDE MODULATION.....	5	ANNULAR PLATES.....	1
AMPLITUDES.....	8	ANNULI.....	1
ANALOG CIRCUITS.....	16	ANODES.....	5
ANALOG COMPUTERS.....	12	ANOMALIES.....	4
ANALOG DATA.....	12	ANTENNA ARRAYS.....	11
ANALOG SIMULATION.....	5	ANTENNA COMPONENTS.....	4
ANALOG TO DIGITAL CONVERTERS..	47	ANTENNA COUPLERS.....	2
ANALOGIES.....	3	ANTENNA DESIGN.....	10

SECONDARY KEYS

Key	No.	Key	No.
ANTENNA FEEDS.....	2	ARCHITECTURE.....	13
ANTENNA RADIATION PATTERNS....	11	ARCHITECTURE (COMPUTERS).....	1
ANTENNAS.....	7	ARCTIC OCEAN.....	1
ANTHROPOMETRY.....	6	ARCTIC REGIONS.....	1
ANTIBIOTICS.....	1	AREA NAVIGATION.....	1
ANTIBODIES.....	1	ARGON.....	1
ANTIMISSILE DEFENSE.....	1	ARGON LASERS.....	2
ANTIMONY COMPOUNDS.....	2	ARIANE LAUNCH VEHICLE.....	7
ANTIRADAR COATINGS.....	1	ARITHMETIC.....	13
ANTISHIP MISSILES.....	2	ARITHMETIC AND LOGIC UNITS....	13
ANTISUBMARINE WARFARE.....	2	ARIZONA.....	3
ANTISUBMARINE WARFARE AIRCRAFT	1	ARM (ANATOMY).....	1
ANXIETY.....	1	ARMATURES.....	1
APERTURES.....	7	ARMED FORCES.....	1
APOGEE BOOST MOTORS.....	1	ARMED FORCES (FOREIGN).....	1
APOLLO PROJECT.....	3	ARMED FORCES (UNITED STATES)..	22
APOLLO SPACECRAFT.....	3	ARMOR.....	3
APPLICATIONS OF MATHEMATICS...	6	ARPA COMPUTER NETWORK.....	2
APPLICATIONS PROGRAMS (COMPUTE	15	ARRAYS.....	38
APPROACH.....	6	ARSENIC.....	1
APPROACH CONTROL.....	1	ARTEMIA.....	1
APPROPRIATIONS.....	2	ARTERIES.....	1
APPROXIMATION.....	23	ARTERIOSCLEROSIS.....	1
APTITUDE.....	3	ARTIFICIAL CLOUDS.....	1
ARC LAMPS.....	1	ARTIFICIAL INTELLIGENCE.....	1
ARC WELDING.....	9	ARTIFICIAL SATELLITES.....	10

SECONDARY KEYS

Key	No.	Key	No.
ARTILLERY.....	1	ASTRONAUT LOCOMOTION.....	5
ARTS.....	1	ASTRONAUT MANEUVERING EQUIPMEN	6
ASBESTOS.....	1	ASTRONAUT PERFORMANCE.....	9
ASCENT TRAJECTORIES.....	1	ASTRONAUT TRAINING.....	3
ASHES.....	2	ASTRONAUTICS.....	1
ASIA.....	1	ASTRONOMICAL CATALOGS.....	4
ASPHERICITY.....	3	ASTRONOMICAL COORDINATES.....	2
ASSEMBLER ROUTINES.....	7	ASTRONOMICAL MAPS.....	2
ASSEMBLIES.....	13	ASTRONOMICAL OBSERVATORIES....	17
ASSEMBLING.....	28	ASTRONOMICAL PHOTOGRAPHY.....	53
ASSEMBLY.....	8	ASTRONOMICAL PHOTOMETRY.....	22
ASSEMBLY LANGUAGE.....	8	ASTRONOMICAL SPECTROSCOPY.....	17
ASSESSMENTS.....	3	ASTRONOMICAL TELESCOPES.....	23
ASSOCIATIVE PROCESSING COMPUT.	6	ASTRONOMY.....	10
ASSUMPTIONS.....	4	ASTROPHYSICS.....	5
ASSURANCE.....	3	ASYMMETRY.....	2
ASTEROID BELTS.....	1	ASYMPTOTES.....	2
ASTEROIDS.....	2	ASYMPTOTIC METHODS.....	12
ASTHMA.....	1	ASYMPTOTIC PROPERTIES.....	1
ASTIGMATISM.....	1	ASYMPTOTIC SERIES.....	3
ASTRIONICS.....	5	ATHENA ROCKET VEHICLE.....	2
ASTRO MISSIONS (STS).....	1	ATLANTIC OCEAN.....	1
ASTRODYNAMICS.....	1	ATLANTIS (ORBITER).....	1
ASTROGRAPHY.....	2	ATLAS CENTAUR LAUNCH VEHICLE..	1
ASTROLABES.....	1	ATLAS LAUNCH VEHICLES.....	1
ASTROMETRY.....	13	ATMOSPHERIC ATTENUATION.....	9

SECONDARY KEYS

Key	No.	Key	No.
ATMOSPHERIC CHEMISTRY.....	1	ATTENUATORS.....	1
ATMOSPHERIC CIRCULATION.....	2	ATTITUDE (INCLINATION).....	3
ATMOSPHERIC CORRECTION.....	1	ATTITUDE CONTROL.....	12
ATMOSPHERIC DIFFUSION.....	2	ATTITUDE STABILITY.....	2
ATMOSPHERIC EFFECTS.....	4	AUDIO EQUIPMENT.....	2
ATMOSPHERIC MODELS.....	6	AUDIOMETRY.....	1
ATMOSPHERIC OPTICS.....	5	AUDITORY PERCEPTION.....	3
ATMOSPHERIC PHYSICS.....	4	AUDITORY SIGNALS.....	2
ATMOSPHERIC PRESSURE.....	3	AUDITORY STIMULI.....	1
ATMOSPHERIC RADIATION.....	2	AUDITORY TASKS.....	1
ATMOSPHERIC SCATTERING.....	5	AUGMENTATION.....	3
ATMOSPHERIC SOUNDING.....	5	AURORAL ARCS.....	1
ATMOSPHERIC TEMPERATURE.....	1	AURORAL SPECTROSCOPY.....	2
ATMOSPHERIC TURBULENCE.....	5	AURORAS.....	8
ATMOSPHERIC WINDOWS.....	4	AUSTRIA.....	2
ATOMIC BEAMS.....	1	AUTOCLAVES.....	1
ATOMIC CLOCKS.....	1	AUTOCORRELATION.....	4
ATOMIC COLLISIONS.....	1	AUTOMATA.....	1
ATOMIC EXCITATIONS.....	1	AUTOMATED EN ROUTE ATC.....	3
ATOMIC SPECTRA.....	1	AUTOMATED RADAR TERMINAL SYSTE	1
ATS 5.....	1	AUTOMATED TRANSIT VEHICLES....	1
ATTACHMENT.....	1	AUTOMATIC FLIGHT CONTROL.....	21
ATTACKING (ASSAULTING).....	1	AUTOMATIC FREQUENCY CONTROL...	1
ATTENTION.....	5	AUTOMATIC GAIN CONTROL.....	2
ATTENUATION.....	5	AUTOMATIC LANDING CONTROL.....	2
ATTENUATION COEFFICIENTS.....	1	AUTOMATIC PICTURE TRANSMISSION	2

SECONDARY KEYS

Key	No.	Key	No.
AUTOMATIC PILOTS.....	14	B-58 AIRCRAFT.....	1
AUTOMATIC WEATHER STATIONS....	4	BACKGROUND NOISE.....	2
AUTOMOBILE ACCIDENTS.....	1	BACKGROUND RADIATION.....	12
AUTOMOBILE ENGINES.....	5	BACKSCATTERING.....	4
AUTOMOBILE FUELS.....	1	BACKUPS.....	2
AUTOMOBILES.....	29	BACTERIA.....	1
AUTONOMIC NERVOUS SYSTEM.....	1	BAFFLES.....	3
AUTONOMY.....	4	BAGGAGE.....	5
AUTORADIOGRAPHY.....	1	BALANCING.....	2
AUTOREGRESSIVE PROCESSES.....	2	BALL BEARINGS.....	2
AUXILIARY EQUIPMENT (COMPUTERS	1	BALLISTIC MISSILES.....	3
AUXILIARY POWER SOURCES.....	2	BALLISTICS.....	5
AVAILABILITY.....	8	BALLOON SOUNDING.....	1
AVALANCHE DIODES.....	5	BALLOON-BORNE INSTRUMENTS.....	6
AVERAGE.....	1	BALLOONS.....	4
AVOIDANCE.....	2	BALLS.....	5
AWACS AIRCRAFT.....	3	BALLUTES.....	6
AXES (REFERENCE LINES).....	1	BAND WIDTH.....	23
AXES OF ROTATION.....	1	BANDPASS FILTERS.....	4
AXIAL LOADS.....	3	BANGLADESH.....	1
AXIAL STRESS.....	2	BARIUM ION CLOUDS.....	3
AXIOMS.....	4	BARRELS (CONTAINERS).....	1
AXISYMMETRIC BODIES.....	2	BARRIERS.....	1
AZIMUTH.....	4	BASALT.....	2
B-1 AIRCRAFT.....	2	BASE HEATING.....	1
B-52 AIRCRAFT.....	1	BASES.....	1

SECONDARY KEYS

Key	No.	Key	No.
BASIC (PROGRAMMING LANGUAGE)...	5	BINARY CODES.....	9
BATCH PROCESSING.....	17	BINARY DATA.....	7
BATHS.....	1	BINARY STARS.....	3
BATTERY CHARGERS.....	1	BINARY TO DECIMAL CONVERTERS..	1
BAYES THEOREM.....	25	BINOCULARS.....	2
BAYS (STRUCTURAL UNITS).....	7	BINOMIAL THEOREM.....	1
BEACONS.....	1	BIOASTRONAUTICS.....	4
BEADS.....	1	BIOCHEMISTRY.....	8
BEAM CURRENTS.....	2	BIOCONTROL SYSTEMS.....	4
BEAM RIDER GUIDANCE.....	1	BIODYNAMICS.....	5
BEAM SPLITTERS.....	3	BIOELECTRIC POTENTIAL.....	1
BEAMS (RADIATION).....	4	BIOELECTRICITY.....	2
BEAMS (SUPPORTS).....	7	BIOENGINEERING.....	1
BEARING (DIRECTION).....	5	BIOGEOCHEMISTRY.....	1
BEARINGS.....	5	BIOINSTRUMENTATION.....	16
BEHAVIOR.....	3	BIOLOGICAL EFFECTS.....	3
BELGIUM.....	1	BIOLOGICAL EVOLUTION.....	4
BELL AIRCRAFT.....	1	BIOLOGICAL MODELS.....	10
BELLMAN THEORY.....	1	BIOLOGY.....	2
BEND TESTS.....	1	BIOMAGNETISM.....	1
BENDING.....	1	BIOMEDICAL DATA.....	5
BENDING MOMENTS.....	5	BIOMETRICS.....	2
BIAS.....	2	BIONICS.....	21
BIBLIOGRAPHIES.....	46	BIOPHYSICS.....	5
BIBLIOGRAPHIES.....	1	BIOSPHERE.....	2
BILLETS.....	1	BIOSYNTHESIS.....	1

SECONDARY KEYS

Key	No.	Key	No.
BIOT NUMBER.....	1	BLOOD FLOW.....	2
BIOTECHNOLOGY.....	23	BLOOD PLASMA.....	1
BIOTELEMETRY.....	3	BLOOD VESSELS.....	1
BIPOLAR TRANSISTORS.....	4	BLURRING.....	1
BIPOLARITY.....	3	BODIES OF REVOLUTION.....	1
BIRD-AIRCRAFT COLLISIONS.....	1	BODY CENTERED CUBIC LATTICES..	1
BIRDS.....	2	BODY COMPOSITION (BIOLOGY)....	1
BIREFRINGENCE.....	2	BODY FLUIDS.....	2
BIREFRINGENT COATINGS.....	1	BODY KINEMATICS.....	5
BISMUTH.....	2	BODY MEASUREMENT (BIOLOGY)....	1
BIT ERROR RATE.....	7	BODY SWAY TEST.....	1
BIT SYNCHRONIZATION.....	11	BODY TEMPERATURE.....	1
BITS.....	8	BODY VOLUME (BIOLOGY).....	1
BITUMENS.....	1	BOEING 707 AIRCRAFT.....	2
BIVARIATE ANALYSIS.....	1	BOEING 727 AIRCRAFT.....	1
BLACK AND WHITE PHOTOGRAPHY...	5	BOEING 737 AIRCRAFT.....	3
BLACK BODY RADIATION.....	2	BOEING 747 AIRCRAFT.....	3
BLACK BRANT SOUNDING ROCKETS..	1	BOEING 757 AIRCRAFT.....	4
BLADE TIPS.....	1	BOEING 767 AIRCRAFT.....	3
BLANKS.....	1	BOEING AIRCRAFT.....	2
BLAST LOADS.....	1	BOILERS.....	2
BLINDNESS.....	1	BOLIDES.....	1
BLOCK DIAGRAMS.....	68	BOLOMETERS.....	1
BLOCKS.....	1	BOLTS.....	10
BLOOD CIRCULATION.....	2	BOMBARDMENT.....	1
BLOOD COAGULATION.....	1	BOMBER AIRCRAFT.....	4

SECONDARY KEYS

Key	No.	Key	No.
BOMBS (ORDNANCE).....	21	BRACKETS.....	17
BONDING.....	8	BRAGG ANGLE.....	1
BONE DEMINERALIZATION.....	1	BRAIN.....	15
BONE MINERAL CONTENT.....	1	BRAIN CIRCULATION.....	1
BONES.....	1	BRAIN DAMAGE.....	1
BOOLEAN ALGEBRA.....	12	BRAIN STEM.....	1
BOOLEAN FUNCTIONS.....	5	BRAKES (FOR ARRESTING MOTION).....	1
BOOMS (EQUIPMENT).....	1	BRAKING.....	2
BOOSTER ROCKET ENGINES.....	3	BRANCHING (MATHEMATICS).....	1
BOREHOLES.....	1	BRAZIL.....	2
BORESIGHT ERROR.....	1	BRAZING.....	1
BORESIGHTS.....	4	BREADBOARD MODELS.....	11
BORING MACHINES.....	5	BREAKING.....	1
BORN APPROXIMATION.....	1	BREATHING APPARATUS.....	4
BORON NITRIDES.....	1	BREEDING (REPRODUCTION).....	1
BOROSILICATE GLASS.....	4	BRIDGES (STRUCTURES).....	3
BOUGUER LAW.....	1	BRIGHTNESS.....	14
BOUNDARIES.....	1	BRIGHTNESS DISTRIBUTION.....	5
BOUNDARY LAYER CONTROL.....	1	BRIGHTNESS TEMPERATURE.....	3
BOUNDARY LAYER FLOW.....	1	BRINES.....	2
BOUNDARY LAYER SEPARATION.....	1	BROADBAND.....	15
BOUNDARY LAYER TRANSITION.....	1	BROADCASTING.....	5
BOUNDARY LAYERS.....	6	BRONZES.....	1
BOUNDARY VALUE PROBLEMS.....	13	BROWNIAN MOVEMENTS.....	1
BOXES (CONTAINERS).....	1	BRUSHES.....	1
BRACKETS.....	1	BUBBLE MEMORY DEVICES.....	6

SECONDARY KEYS

Key	No.	Key	No.
BUBBLES.....	5	CALCULATORS.....	2
BUCKLING.....	3	CALIFORNIA.....	1
BUDGETING.....	2	CALIFORNIUM ISOTOPES.....	1
BUDGETS.....	1	CALORIMETERS.....	1
BUFFER STORAGE.....	13	CAMERA SHUTTERS.....	4
BUFFERS.....	1	CAMERA TUBES.....	7
BUILDINGS.....	2	CAMOUFLAGE.....	3
BULGARIA.....	1	CAMS.....	1
BULKHEADS.....	4	CANADA.....	6
BUNDLES.....	1	CANADIAN SPACECRAFT.....	1
BUOYANCY.....	6	CANNING.....	1
BURNING RATE.....	1	CANONICAL FORMS.....	1
BUS CONDUCTORS.....	14	CANOPIES.....	4
BUSHINGS.....	1	CANOPIES (VEGETATION).....	2
BUTT JOINTS.....	1	CANTILEVER BEAMS.....	2
BYPASSES.....	1	CAPACITANCE.....	13
C-130 AIRCRAFT.....	4	CAPACITANCE SWITCHES.....	2
C-131 AIRCRAFT.....	1	CAPACITORS.....	10
C-135 AIRCRAFT.....	2	CAPACITY.....	1
C-141 AIRCRAFT.....	1	CAPE KENNEDY LAUNCH COMPLEX...	2
C-5 AIRCRAFT.....	1	CAPILLARY TUBES.....	1
CABIN ATMOSPHERES.....	2	CAPS (EXPLOSIVES).....	1
CABLES.....	2	CAPTIVE TESTS.....	1
CABLES (ROPES).....	7	CARBON.....	5
CADASTRAL MAPPING.....	1	CARBON DIOXIDE.....	4
CALCIUM OXIDES.....	2	CARBON DIOXIDE CONCENTRATION..	1

SECONDARY KEYS

Key	No.	Key	No.
CARBON DIOXIDE LASERS.....	8	CASCADE FLOW.....	1
CARBON DIOXIDE REMOVAL.....	3	CASCADE WIND TUNNELS.....	2
CARBON FIBER REINFORCED PLASTI	5	CASE HISTORIES.....	1
CARBON FIBERS.....	3	CASING.....	1
CARBON MONOXIDE LASERS.....	1	CASSEGRAIN OPTICS.....	8
CARBON STEELS.....	3	CASTING.....	6
CARBON-CARBON COMPOSITES.....	1	CASTINGS.....	3
CARBURETORS.....	1	CATALOGS.....	1
CARBURIZING.....	1	CATALYTIC ACTIVITY.....	1
CARDIAC VENTRICLES.....	1	CATAPULTS.....	1
CARDIOGRAPHY.....	1	CATASTROPHE THEORY.....	1
CARDIOLOGY.....	3	CATEGORIES.....	1
CARDIOVASCULAR SYSTEM.....	2	CATHODE RAY TUBES.....	19
CARGO.....	8	CATHODES.....	9
CARGO AIRCRAFT.....	3	CAUSES.....	1
CARGO SHIPS.....	1	CAVITATION FLOW.....	5
CARGO SPACECRAFT.....	2	CAVITIES.....	2
CARRIAGES.....	1	CAVITY RESONATORS.....	3
CARRIER INJECTION.....	1	CDC 6600 COMPUTER.....	3
CARRIER MOBILITY.....	1	CDC 6700 COMPUTER.....	1
CARRIER TO NOISE RATIOS.....	1	CDC 7600 COMPUTER.....	2
CARRIER WAVES.....	1	CDC COMPUTERS.....	5
CARRIERS.....	1	CDC CYBER 170 SERIES COMPUTERS	2
CARTESIAN COORDINATES.....	5	CDC CYBER 175 COMPUTER.....	1
CARTRIDGES.....	11	CDC CYBER 203 COMPUTER.....	2
CASCADE CONTROL.....	1	CDC CYBER 205 COMPUTER.....	3

SECONDARY KEYS

Key	No.	Key	No.
CDC STAR 100 COMPUTER.....	2	CHALLENGER (ORBITER).....	4
CEILINGS (ARCHITECTURE).....	1	CHANNEL CAPACITY.....	10
CELESTIAL BODIES.....	7	CHANNELS.....	2
CELESTIAL SPHERE.....	1	CHANNELS (DATA TRANSMISSION)..	43
CELLS.....	4	CHAOS.....	2
CELLS (BIOLOGY).....	5	CHARACTER RECOGNITION.....	4
CELLULOSE NITRATE.....	1	CHARACTERIZATION.....	4
CENSORED DATA (MATHEMATICS)...	2	CHARGE CARRIERS.....	2
CENTER OF GRAVITY.....	1	CHARGE DISTRIBUTION.....	1
CENTRAL ELECTRONIC MANAGEMENT.	1	CHARGE INJECTION DEVICES.....	12
CENTRAL NERVOUS SYSTEM.....	3	CHARGE TRANSFER.....	4
CENTRIFUGAL COMPRESSORS.....	1	CHARGE TRANSFER DEVICES.....	5
CENTRIFUGES.....	1	CHARGED PARTICLES.....	2
CENTROIDS.....	1	CHARGING.....	1
CEPSTRAL ANALYSIS.....	1	CHARTS.....	3
CERAMIC BONDING.....	1	CHASSIS.....	1
CERAMIC COATINGS.....	1	CHEBYSHEV APPROXIMATION.....	2
CERAMICS.....	22	CHECKOUT.....	36
CEREBRAL CORTEX.....	2	CHEMICAL ANALYSIS.....	5
CERENKOV COUNTERS.....	1	CHEMICAL ATTACK.....	1
CERENKOV RADIATION.....	3	CHEMICAL BONDS.....	2
CERTIFICATION.....	10	CHEMICAL COMPOSITION.....	8
CESIUM 137.....	1	CHEMICAL ENGINEERING.....	2
CESIUM IODIDES.....	2	CHEMICAL FRACTIONATION.....	1
CHAFF.....	2	CHEMICAL PROPERTIES.....	1
CHAINS.....	1	CHEMICAL REACTIONS.....	5

SECONDARY KEYS

Key	No.	Key	No.
CHEMISTRY.....	2	CIVIL AVIATION.....	34
CHEMOTHERAPY.....	1	CLADDING.....	6
CHILDREN.....	1	CLAIMING.....	1
CHIPS (MEMORY DEVICES).....	23	CLAMPS.....	3
CHIRP SIGNALS.....	1	CLASSES.....	1
CHLORINE.....	1	CLASSIFICATIONS.....	42
CHORDS (GEOMETRY).....	1	CLASSIFIERS.....	1
CHROMATOGRAPHY.....	2	CLASSIFYING.....	5
CHROMIUM.....	2	CLAYS.....	1
CHROMOSPHERE.....	2	CLEAN ROOMS.....	36
CHRONOPHOTOGRAPHY.....	2	CLEANING.....	5
CINEMATOGRAPHY.....	6	CLEANLINESS.....	6
CINESPECTROGRAPHS.....	2	CLIMATE.....	2
CINETHEODOLITES.....	1	CLIMATOLOGY.....	2
CIRCUIT BOARDS.....	41	CLINICAL MEDICINE.....	9
CIRCUIT BREAKERS.....	5	CLOCKS.....	5
CIRCUIT DIAGRAMS.....	24	CLOSED CIRCUIT TELEVISION.....	7
CIRCUIT PROTECTION.....	6	CLOSED CYCLES.....	2
CIRCUIT RELIABILITY.....	58	CLOSED ECOLOGICAL SYSTEMS.....	1
CIRCUITS.....	25	CLOSURES.....	1
CIRCULAR CYLINDERS.....	1	CLOTHING.....	3
CIRCULAR ORBITS.....	1	CLOUD COVER.....	2
CIRCULAR PLATES.....	1	CLOUD HEIGHT INDICATORS.....	1
CIRCULAR TUBES.....	1	CLOUD PHOTOGRAPHY.....	2
CIRCULATION.....	5	CLOUD PHYSICS.....	1
CITIES.....	3	CLOUDS (METEOROLOGY).....	1

SECONDARY KEYS

Key	No.	Key	No.
CLUMPS.....	4	COHERENCE COEFFICIENT.....	1
CLUSTER ANALYSIS.....	3	COHERENT ELECTROMAGNETIC RADIA	1
CLUTTER.....	2	COHERENT LIGHT.....	2
CMOS.....	25	COHERENT RADAR.....	1
CO.....	1	COHERENT SCATTERING.....	1
COAL.....	2	COLD WEATHER TESTS.....	1
COAL GASIFICATION.....	4	COLLAPSE.....	2
COAL UTILIZATION.....	1	COLLIMATORS.....	13
COASTAL WATER.....	2	COLLISION AVOIDANCE.....	8
COASTS.....	1	COLLISION PARAMETERS.....	1
COATING.....	1	COLLISIONS.....	2
COATINGS.....	7	COLLOCATION.....	1
COAXIAL CABLES.....	5	COLOR.....	12
COBALT OXIDES.....	1	COLOR CENTERS.....	1
COBOL.....	9	COLOR CODING.....	4
COCKPIT SIMULATORS.....	2	COLOR INFRARED PHOTOGRAPHY....	1
COCKPITS.....	23	COLOR PHOTOGRAPHY.....	16
CODERS.....	5	COLOR TELEVISION.....	8
CODES.....	10	COLOR VISION.....	2
CODING.....	52	COLOR-MAGNITUDE DIAGRAM.....	1
COEFFICIENT OF FRICTION.....	1	COLORADO.....	2
COEFFICIENTS.....	7	COLORIMETRY.....	2
COGENERATION.....	1	COLUMBIA (ORBITER).....	3
COGNITION.....	13	COLUMNS (SUPPORTS).....	2
COGNITIVE PSYCHOLOGY.....	12	COMBAT.....	8
COHERENCE.....	1	COMBINATION.....	1

SECONDARY KEYS

Key	No.	Key	No.
COMBINATORIAL ANALYSIS.....	10	COMMUNICATION THEORY.....	14
COMBINED STRESS.....	1	COMMUTATION.....	2
COMBUSTION.....	4	COMMUTATORS.....	4
COMBUSTION CHAMBERS.....	9	COMPARATOR CIRCUITS.....	4
COMBUSTION CONTROL.....	1	COMPARATORS.....	4
COMBUSTION PHYSICS.....	3	COMPARISON.....	25
COMET NUCLEI.....	2	COMPATIBILITY.....	19
COMET TAILS.....	1	COMPENSATION.....	3
COMETARY ATMOSPHERES.....	1	COMPENSATORS.....	6
COMETS.....	3	COMPENSATORY TRACKING.....	1
COMFORT.....	1	COMPETITION.....	1
COMMAND AND CONTROL.....	49	COMPILERS.....	59
COMMAND GUIDANCE.....	1	COMPLETENESS.....	1
COMMANDS.....	2	COMPLEX SYSTEMS.....	58
COMMERCE.....	8	COMPLEXITY.....	6
COMMERCIAL AIRCRAFT.....	10	COMPONENT RELIABILITY.....	35
COMMERCIAL ENERGY.....	2	COMPONENTS.....	5
COMMERCIAL SPACECRAFT.....	3	COMPOSITE MATERIALS.....	42
COMMODITIES.....	1	COMPOSITE PROPELLANTS.....	1
COMMONALITY.....	2	COMPOSITE STRUCTURES.....	10
COMMONALITY (EQUIPMENT).....	1	COMPOSITE WRAPPING.....	2
COMMUNICATING.....	3	COMPOSITION.....	1
COMMUNICATION.....	18	COMPOSITION (PROPERTY).....	1
COMMUNICATION CABLES.....	9	COMPRESSING.....	2
COMMUNICATION EQUIPMENT.....	33	COMPRESSOR BLADES.....	1
COMMUNICATION SATELLITES.....	33	COMPRESSOR EFFICIENCY.....	1

SECONDARY KEYS

Key	No.	Key	No.
COMPRESSORS.....	2	CONFIDENCE.....	4
COMPUTATION.....	74	CONFIDENCE LIMITS.....	6
COMPUTATIONAL FLUIDDYNAMICS...	19	CONFIGURATION INTERACTION.....	1
COMPUTATIONAL GRIDS.....	4	CONFIGURATION MANAGEMENT.....	28
COMPUTER.....	1	CONFIGURATION MANAGEMENT.....	1
COMPUTER AIDED MAPPING.....	4	CONFIGURATIONS.....	8
COMPUTER ASSISTED INSTRUCTION.	12	CONFORMAL MAPPING.....	3
COMPUTER COMPATIBLE TAPES.....	2	CONGRESSIONAL REPORTS.....	9
COMPUTER COMPONENTS.....	56	CONGRUENCES.....	1
COMPUTER PROGRAM INTEGRITY....	46	CONICAL BODIES.....	2
COMPUTER PROGRAMMING.....	1	CONICAL SCANNING.....	1
COMPUTER SYSTEMS.....	3	CONIFERS.....	1
COMPUTER SYSTEMS SIMULATION...	61	CONJUGATE GRADIENT METHOD.....	3
COMPUTER SYSTEMS SIMULATION...	1	CONJUGATES.....	1
COMPUTER TECHNIQUES.....	1	CONSECUTIVE EVENTS.....	1
COMPUTER VISION.....	67	CONSISTENCY.....	8
CONCATENATED CODES.....	1	CONSOLES.....	6
CONCENTRATION (COMPOSITION)...	1	CONSTANTS.....	2
CONCENTRATORS.....	4	CONSTITUTION.....	1
CONCRETE STRUCTURES.....	1	CONSTRAINTS.....	16
CONCRETES.....	2	CONSTRUCTION.....	14
CONCURRENT PROCESSING.....	15	CONSTRUCTION MATERIALS.....	4
CONDITIONED REFLEXES.....	1	CONSUMABLES (SPACECRAFT).....	1
CONDITIONING (LEARNING).....	1	CONSUMABLES (SPACECREW SUPPLIE	1
CONDITIONS.....	2	CONTACT RESISTANCE.....	3
CONDUCTIVE HEAT TRANSFER.....	5	CONTAINERLESS MELTS.....	4

SECONDARY KEYS

Key	No.	Key	No.
CONTAINERS.....	6	CONTROL THEORY.....	79
CONTAINMENT.....	1	CONTROL UNITS (COMPUTERS).....	12
CONTAMINANTS.....	5	CONTROL VALVES.....	1
CONTAMINATION.....	8	CONTROLLABILITY.....	7
CONTEXT.....	1	CONTROLLED ATMOSPHERES.....	2
CONTEXT FREE LANGUAGES.....	3	CONTROLLED FUSION.....	1
CONTINGENCY.....	2	CONTROLLERS.....	42
CONTINUITY.....	1	CONVECTION.....	3
CONTINUOUS RADIATION.....	2	CONVECTIVE FLOW.....	2
CONTINUOUS WAVE LASERS.....	2	CONVECTIVEHEAT TRANSFER.....	3
CONTINUUM MECHANICS.....	1	CONVENTIONS.....	1
CONTOUR SENSORS.....	51	CONVERGENCE.....	12
CONTOURS.....	10	CONVERSATION.....	1
CONTRACT MANAGEMENT.....	5	CONVERSION.....	2
CONTRACT NEGOTIATION.....	1	CONVERT.....	1
CONTRACTS.....	4	CONVERTERS.....	1
CONTRAST.....	3	CONVEYORS.....	5
CONTROL.....	29	CONVOLUTION INTEGRALS.....	4
CONTROL BOARDS.....	4	CONVULSIONS.....	1
CONTROL DATA (COMPUTERS).....	4	COOLANTS.....	2
CONTROL EQUIPMENT.....	32	COOLERS.....	1
CONTROL EQUIPMENT.....	1	COOLING.....	3
CONTROL RODS.....	2	COOLING FINS.....	1
CONTROL SIMULATION.....	13	COOLING SYSTEMS.....	10
CONTROL STABILITY.....	2	COORDINATE TRANSFORMATIONS....	8
CONTROL SYSTEMS DESIGN.....	20	COORDINATES.....	26

SECONDARY KEYS

Key	No.	Key	No.
COPOLYMERS.....	1	COST REDUCTION.....	45
COPPER.....	4	COSTS.....	36
CORE SAMPLING.....	1	COULOMB COLLISIONS.....	1
CORE STORAGE.....	4	COUNTER ROTATION.....	1
CORES.....	1	COUNTERMEASURES.....	3
CORIOLIS EFFECT.....	2	COUNTERS.....	4
CORNER FLOW.....	1	COUNTING.....	1
CORONARY ARTERY DISEASE.....	1	COUNTING CIRCUITS.....	3
CORONARY CIRCULATION.....	1	COUPLED MODES.....	2
CORRECTION.....	6	COUPLERS.....	6
CORRELATION.....	13	COUPLING.....	3
CORRELATION COEFFICIENTS.....	3	COUPLING CIRCUITS.....	2
CORRELATION DETECTION.....	2	COUPLING COEFFICIENTS.....	1
CORRELATORS.....	5	COUPLINGS.....	12
CORROSION.....	10	COVARIANCE.....	7
CORROSION PREVENTION.....	2	COVERINGS.....	1
CORROSION RESISTANCE.....	8	COWLINGS.....	1
CORROSION TESTS.....	4	CRAB NEBULA.....	3
COSMIC DUST.....	1	CRACK GEOMETRY.....	5
COSMIC RAY SHOWERS.....	3	CRACK INITIATION.....	3
COSMIC RAYS.....	6	CRACK PROPAGATION.....	19
COSMIC X RAYS.....	2	CRACK TIPS.....	1
COSMOLOGY.....	2	CRACKING (FRACTURING).....	2
COSMONAUTS.....	7	CRANES.....	1
COST ANALYSIS.....	59	CRASH INJURIES.....	2
COST ESTIMATES.....	19	CRASH WORTHINESS.....	1

SECONDARY KEYS

Key	No.	Key	No.
CRASHES.....	1	CROSSTALK.....	3
CRATERING.....	1	CRUDE OIL.....	1
CRATERS.....	1	CRUISE MISSILES.....	5
CRAY COMPUTERS.....	23	CRUISING FLIGHT.....	1
CREATIVITY.....	1	CRYOGENIC COOLING.....	4
CREEP ANALYSIS.....	1	CRYOGENIC EQUIPMENT.....	6
CREEP PROPERTIES.....	3	CRYOGENIC FLUID STORAGE.....	1
CREEP RUPTURE STRENGTH.....	3	CRYOGENIC WIND TUNNELS.....	1
CREEP TESTS.....	2	CRYOGENICS.....	4
CREW PROCEDURES (INFLIGHT)....	4	CRYOSTATS.....	1
CREW PROCEDURES (PREFLIGHT)...	1	CRYPTOGRAPHY.....	23
CREW WORKSTATIONS.....	31	CRYSTAL GROWTH.....	3
CREWS.....	2	CRYSTAL OPTICS.....	3
CRIME.....	3	CRYSTAL OSCILLATORS.....	2
CRITERIA.....	2	CRYSTAL STRUCTURE.....	1
CRITICAL LOADING.....	1	CRYSTALLINITY.....	2
CRITICAL PATH METHOD.....	1	CRYSTALLIZATION.....	3
CRITICAL POINT.....	1	CRYSTALLOGRAPHY.....	1
CROP GROWTH.....	2	CRYSTALS.....	2
CROP IDENTIFICATION.....	7	CUAS.....	1
CROP INVENTORIES.....	2	CUBA.....	1
CROP VIGOR.....	2	CULTURE (SOCIAL SCIENCES)....	1
CROPS.....	1	CULTURE TECHNIQUES.....	2
CROSS CORRELATION.....	2	CURES.....	1
CROSS COUPLING.....	1	CURING.....	4
CROSSLINKING.....	1	CURRENT AMPLIFIERS.....	1

SECONDARY KEYS

Key	No.	Key	No.
CURRENT CONVERTERS (AC TO DC).	1	DATA CONVERTERS.....	6
CURRENT REGULATORS.....	2	DATA CORRELATION.....	10
CURVATURE.....	4	DATA FLOW ANALYSIS.....	18
CURVE FITTING.....	4	DATA INTEGRATION.....	2
CURVES (GEOMETRY).....	4	DATA LINKS.....	40
CUSHIONS.....	3	DATA MANAGEMENT.....	69
CUTTERS.....	6	DATA RECORDERS.....	1
CUTTING.....	10	DATA REDUCTION.....	57
CYANIDES.....	1	DATA RETRIEVAL.....	20
CYCLES.....	4	DATA SAMPLING.....	8
CYCLIC LOADS.....	5	DATA SIMULATION.....	2
CYCLONES.....	1	DATA SMOOTHING.....	2
CYCLOTRON RESONANCE DEVICES...	1	DATA STRUCTURES.....	27
CYCLOTRONS.....	1	DATA SYSTEMS.....	47
CYGNUS CONSTELLATION.....	1	DATARECORDING.....	19
CYLINDRICAL ANTENNAS.....	1	DAYTIME.....	2
CYLINDRICAL BODIES.....	6	DC 10 AIRCRAFT.....	2
CYLINDRICAL SHELLS.....	2	DEAD RECKONING.....	2
CZECHOSLOVAKIA.....	5	DEBRIS.....	1
DAMAGE.....	4	DECEPTION.....	1
DAMAGE ASSESSMENT.....	4	DECIMAL TO BINARY CONVERTERS..	1
DAMPING.....	4	DECISION THEORY.....	21
DATA.....	3	DECISIONS.....	1
DATA BASE.....	1	DECODERS.....	4
DATA COMPRESSION.....	8	DECODING.....	6
DATA CONVERSION ROUTINES.....	7	DECOMMUTATORS.....	1

SECONDARY KEYS

Key	No.	Key	No.
DECOMPOSITION.....	2	DELFT CAMERA.....	1
DECONTAMINATION.....	2	DELINEATION.....	1
DECOUPLING.....	4	DELIVERY.....	3
DECOYS.....	1	DEMAND (ECONOMICS).....	1
DEDUCTION.....	4	DEMODULATION.....	3
DEEP SPACE INSTRUMENTATION FAC	2	DEMODULATORS.....	2
DEEP SPACE NETWORK.....	6	DEMOGRAPHY.....	2
DEFECTS.....	11	DEMULTIPLEXING.....	1
DEFENSE.....	2	DENSE PLASMAS.....	1
DEFENSE COMMUNICATIONS SATELLI	1	DENSIFICATION.....	1
DEFENSE COMMUNICATIONS SYSTEM.	1	DENSITOMETERS.....	2
DEFENSE INDUSTRY.....	2	DENSITY.....	1
DEFENSE PROGRAM.....	17	DENSITY (MASS).....	3
DEFINITION.....	2	DENSITY DISTRIBUTION.....	2
DEFLAGRATION.....	1	DENSITY MEASUREMENT.....	2
DEFLECTION.....	5	DEOXYRIBONUCLEIC ACID.....	1
DEFOCUSING.....	2	DEPENDENCE.....	2
DEFORMATION.....	5	DEPENDENT VARIABLES.....	1
DEFORMETERS.....	2	DEPERSONALIZATION.....	2
DEGRADATION.....	2	DEPLOYMENT.....	16
DEGREES OF FREEDOM.....	15	DEPOSITION.....	3
DEICERS.....	1	DEPTH.....	1
DELAWARE.....	1	DEPTH MEASUREMENT.....	1
DELAY.....	5	DESCENT TRAJECTORIES.....	2
DELAY CIRCUITS.....	2	DESCRIPTIONS.....	1
DELAY LINES.....	4	DESERTS.....	1

SECONDARY KEYS

Key	No.	Key	No.
DESIGN.....	20	DIFFERENTIAL PULSE CODE MODULA	2
DESIGN TO COST.....	9	DIFFRACTION.....	4
DETECTION.....	18	DIFFRACTION PATTERNS.....	17
DETECTORS.....	10	DIFFRACTION PROPAGATION.....	1
DETERIORATION.....	2	DIFFRACTOMETERS.....	2
DETERMINANTS.....	2	DIFFUSE RADIATION.....	3
DETONATION.....	3	DIFFUSERS.....	1
DETONATORS.....	3	DIFFUSION.....	4
DEVELOPING NATIONS.....	1	DIFFUSION WELDING.....	1
DEVELOPMENT.....	4	DIGITAL COMMAND SYSTEMS.....	8
DEVICES.....	2	DIGITAL COMPUTERS.....	1
DEWATERING.....	1	DIGITAL DATA.....	33
DHC 5 AIRCRAFT.....	1	DIGITAL FILTERS.....	14
DIAGNOSIS.....	23	DIGITAL INTEGRATORS.....	6
DIAGRAMS.....	1	DIGITAL NAVIGATION.....	4
DIALS.....	1	DIGITAL RADAR SYSTEMS.....	6
DIAMETERS.....	2	DIGITAL SIMULATION.....	22
DIAMONDS.....	1	DIGITAL TELEVISION.....	3
DIAPHRAGMS (MECHANICS).....	1	DIGITAL TO ANALOG CONVERTERS..	8
DICTIONARIES.....	9	DIGITAL TO VOICE TRANSLATORS..	1
DIELECTRICS.....	6	DIMENSIONAL ANALYSIS.....	1
DIES.....	2	DIMENSIONAL MEASUREMENT.....	6
DIESEL ENGINES.....	2	DIMENSIONAL STABILITY.....	1
DIFFERENCE EQUATIONS.....	4	DIMENSIONS.....	5
DIFFERENTIAL EQUATIONS.....	20	DIODES.....	7
DIFFERENTIAL PRESSURE.....	1	DIOPHANTINE EQUATION.....	2

SECONDARY KEYS

Key	No.	Key	No.
DIRECT CURRENT.....	6	DISTRIBUTED AMPLIFIERS.....	1
DIRECTION FINDING.....	1	DISTRIBUTED PARAMETER SYSTEMS.	24
DIRECTIONAL ANTENNAS.....	2	DISTRIBUTED PROCESSING.....	67
DIRECTIONAL CONTROL.....	3	DISTRIBUTED PROCESSING.....	3
DIRECTIONAL SOLIDIFICATION....	1	DISTRIBUTING.....	1
DIRECTIVITY.....	2	DISTRIBUTION.....	5
DIRECTORIES.....	1	DISTRIBUTION FUNCTIONS.....	12
DIRT.....	1	DISTRICT OF COLUMBIA.....	1
DISASTERS.....	1	DIURESIS.....	1
DISCOLORATION.....	1	DIURNAL VARIATIONS.....	2
DISCONTINUITY.....	1	DIVERTERS.....	1
DISCOVERER SATELLITES.....	1	DIVIDERS.....	4
DISCRETE ADDRESS BEACON SYSTEM	1	DIVIDING (MATHEMATICS).....	5
DISCRETE FUNCTIONS.....	5	DIVING (UNDERWATER).....	3
DISCRIMINANT ANALYSIS(STATISTI	2	DMSP SATELLITES.....	1
DISCRIMINATION.....	3	DOCUMENT STORAGE.....	13
DISCRIMINATORS.....	1	DOCUMENTATION.....	24
DISEASES.....	1	DOCUMENTS.....	11
DISPENSERS.....	5	DOGS.....	1
DISPERSIONS.....	3	DOMES (STRUCTURAL FORMS).....	2
DISPLACEMENT.....	6	DOMESTIC SATELLITE COMMUNICATI	2
DISPLACEMENT MEASUREMENT.....	13	DONOR MATERIALS.....	1
DISSOLVING.....	2	DOORS.....	1
DISTANCE.....	5	DOPED CRYSTALS.....	4
DISTANCE MEASURING EQUIPMENT..	2	DOPES.....	1
DISTORTION.....	14	DOPPLER EFFECT.....	5

SECONDARY KEYS

Key	No.	Key	No.
DOPPLER NAVIGATION.....	1	DROPS (LIQUIDS).....	1
DOPPLER RADAR.....	4	DROSOPHILA.....	1
DOSAGE.....	2	DRUGS.....	2
DOSIMETERS.....	1	DRUMS (CONTAINERS).....	3
DOWN-CONVERTERS.....	2	DRYING.....	1
DOWNLINKING.....	3	DRYING APPARATUS.....	1
DOWNTIME.....	3	DTL INTEGRATED CIRCUITS.....	1
DRAFTING (DRAWING).....	1	DUCTED FAN ENGINES.....	1
DRAFTING MACHINES.....	11	DUCTED ROCKET ENGINES.....	1
DRAG.....	2	DUNES.....	1
DRAG MEASUREMENT.....	1	DUPLEX OPERATION.....	1
DRAG REDUCTION.....	2	DUPLEXERS.....	2
DRAGCHUTES.....	5	DURABILITY.....	4
DRAINAGE.....	1	DUST.....	1
DRAWINGS.....	4	DUST COLLECTORS.....	3
DREAMS.....	1	DWARF GALAXIES.....	1
DRIFT.....	1	DWARF STARS.....	1
DRIFT (INSTRUMENTATION).....	2	DYE LASERS.....	2
DRIFT RATE.....	1	DYES.....	2
DRILLING.....	2	DYNAMIC CHARACTERISTICS.....	18
DRILLS.....	2	DYNAMIC CONTROL.....	25
DRIVES.....	1	DYNAMIC LOADS.....	5
DRONE AIRCRAFT.....	2	DYNAMIC MODELS.....	17
DRONE VEHICLES.....	1	DYNAMIC MODULUS OF ELASTICITY.....	1
DROP SIZE.....	4	DYNAMIC PROGRAMMING.....	4
DROP TESTS.....	3	DYNAMIC RESPONSE.....	11

SECONDARY KEYS

Key	No.	Key	No.
DYNAMIC STABILITY.....	8	ECHELETTE GRATINGS.....	2
DYNAMIC STRUCTURAL ANALYSIS...	11	ECHO SOUNDING.....	3
DYNAMIC TESTS.....	19	ECHOES.....	2
DYNAMICAL SYSTEMS.....	2	ECOLOGY.....	3
DYNAMICS.....	1	ECONOMETRICS.....	1
DYNAMOMETERS.....	1	ECONOMIC ANALYSIS.....	19
E GLASS.....	1	ECONOMIC ANALYSIS.....	1
EARLY WARNING SYSTEMS.....	2	ECONOMIC DEVELOPMENT.....	6
EARTH (PLANET).....	2	ECONOMIC FACTORS.....	13
EARTH ATMOSPHERE.....	4	ECONOMIC IMPACT.....	2
EARTH CRUST.....	2	ECONOMICS.....	14
EARTH LIMB.....	1	ECONOMY.....	2
EARTH MOVEMENTS.....	2	ECOSYSTEMS.....	1
EARTH OBSERVATIONS FROM SPACE.	14	EDDY CURRENTS.....	12
EARTH ORBITS.....	2	EDGES.....	6
EARTH RADIATION BUDGET EXPERIM	2	EDITING.....	3
EARTH RESOURCES.....	11	EDITING ROUTINES(COMPUTERS)...	10
EARTH RESOURCES INFORMATION SY	3	EDUCATION.....	46
EARTH RESOURCES PROGRAM.....	5	EFFERENTNERVOUS SYSTEMS.....	2
EARTH SURFACE.....	4	EFFICIENCY.....	25
EARTH TERMINALS.....	2	EGRESS.....	1
EARTH-VENUS TRAJECTORIES.....	1	EIGEN VALUES.....	8
EARTHQUAKE DAMAGE.....	1	EIGEN VECTORS.....	2
EARTHQUAKE RESISTANT STRUCTURE	1	EJECTA.....	1
EARTHQUAKES.....	4	EJECTION.....	8
EAST GERMANY.....	5	EJECTION INJURIES.....	1

SECONDARY KEYS

Key	No.	Key	No.
EJECTION SEATS.....	9	ELECTRIC IGNITION.....	1
EJECTORS.....	21	ELECTRIC MOTOR VEHICLES.....	4
ELASTIC BENDING.....	1	ELECTRIC MOTORS.....	3
ELASTIC BODIES.....	1	ELECTRIC NETWORKS.....	6
ELASTIC DAMPING.....	1	ELECTRIC POTENTIAL.....	14
ELASTIC DEFORMATION.....	3	ELECTRIC POWER.....	3
ELASTIC PROPERTIES.....	3	ELECTRIC POWER PLANTS.....	2
ELASTIC SHELLS.....	1	ELECTRIC POWER SUPPLIES.....	7
ELASTIC SYSTEMS.....	1	ELECTRIC POWER TRANSMISSION...	6
ELASTIC WAVES.....	1	ELECTRIC PROPULSION.....	2
ELASTOMERS.....	3	ELECTRIC RELAYS.....	2
ELASTOPLASTICITY.....	1	ELECTRIC SWITCHES.....	7
ELECTRIC ARCS.....	1	ELECTRIC TERMINALS.....	12
ELECTRIC BATTERIES.....	12	ELECTRIC WIRE.....	13
ELECTRIC BRIDGES.....	4	ELECTRICAL ENGINEERING.....	20
ELECTRIC CHARGE.....	2	ELECTRICAL FAULTS.....	13
ELECTRIC CONTACTS.....	6	ELECTRICAL IMPEDANCE.....	8
ELECTRIC CONTROL.....	3	ELECTRICAL INSULATION.....	5
ELECTRIC CORONA.....	1	ELECTRICAL MEASUREMENT.....	20
ELECTRIC CURRENT.....	7	ELECTRICAL PROPERTIES.....	6
ELECTRIC DISCHARGES.....	3	ELECTRICAL RESISTANCE.....	3
ELECTRIC EQUIPMENT.....	6	ELECTRICAL RESISTIVITY.....	5
ELECTRIC EQUIPMENT TESTS.....	5	ELECTRICAUTOMOBILES.....	1
ELECTRIC FIELDS.....	4	ELECTRO CHEMICAL CORROSION....	1
ELECTRIC FILTERS.....	2	ELECTRO-OPTICAL EFFECT.....	1
ELECTRIC GENERATORS.....	4	ELECTRO-OPTICAL PHOTOGRAPHY...	13

SECONDARY KEYS

Key	No.	Key	No.
ELECTRO-OPTICS.....	51	ELECTROMYOGRAPHY.....	2
ELECTROACOUSTIC TRANSDUCERS...	2	ELECTRON ACCELERATION.....	1
ELECTROCARDIOGRAPHY.....	4	ELECTRON BEAM WELDING.....	7
ELECTROCHEMICAL CELLS.....	3	ELECTRON BEAMS.....	7
ELECTROCHEMISTRY.....	3	ELECTRON DENSITY CONCENTRATION	1
ELECTRODE POSITION.....	3	ELECTRON DENSITY PROFILES.....	1
ELECTRODES.....	8	ELECTRON DISTRIBUTION.....	1
ELECTRODYNAMICS.....	3	ELECTRON EMISSION.....	3
ELECTROENCEPHALOGRAPHY.....	5	ELECTRON ENERGY.....	2
ELECTROLUMINESCENCE.....	1	ELECTRON GUNS.....	3
ELECTROLYTES.....	1	ELECTRON IRRADIATION.....	1
ELECTROMAGNETIC COMPATIBILITY.	9	ELECTRON MICROSCOPES.....	1
ELECTROMAGNETIC ENVIRONMENT EX	1	ELECTRON MICROSCOPY.....	1
ELECTROMAGNETIC INTERFERENCE..	18	ELECTRON OPTICS.....	2
ELECTROMAGNETIC NOISE.....	6	ELECTRON PRECIPITATION.....	3
ELECTROMAGNETIC NOISE MEASUREM	10	ELECTRON SCATTERING.....	1
ELECTROMAGNETIC PULSES.....	16	ELECTRON TRAJECTORIES.....	1
ELECTROMAGNETIC SCATTERING....	6	ELECTRON TUBES.....	3
ELECTROMAGNETIC SHIELDING.....	15	ELECTRON TUNNELING.....	1
ELECTROMAGNETIC SURFACE WAVES.	1	ELECTRONIC AIRCRAFT.....	5
ELECTROMAGNETIC WAVE FILTERS..	15	ELECTRONIC CONTROL.....	60
ELECTROMAGNETIC WAVE TRANSMISS	1	ELECTRONIC COUNTERMEASURES....	11
ELECTROMAGNETISM.....	3	ELECTRONIC EQUIPMENT.....	70
ELECTROMAGNETS.....	3	ELECTRONIC FILTERS.....	1
ELECTROMECHANICAL DEVICES.....	16	ELECTRONIC MODULES.....	64
ELECTROMECHANICS.....	5	ELECTRONIC PACKAGING.....	21

SECONDARY KEYS

Key	No.	Key	No.
ELECTRONIC TRANSDUCERS.....	5	EMERGENCIES.....	8
ELECTRONIC WARFARE.....	20	EMERGENCY LOCATOR TRANSMITTERS	1
ELECTRONICS.....	31	EMISSION.....	2
ELECTRONOGRAPHY.....	7	EMISSION SPECTRA.....	3
ELECTRONS.....	1	EMISSIVITY.....	1
ELECTROPHORESIS.....	6	EMITTANCE.....	1
ELECTROPHOTOMETERS.....	2	EMITTERS.....	3
ELECTROPHOTOMETRY.....	2	EMPLOYEE RELATIONS.....	1
ELECTROPHYSIOLOGY.....	2	EMPLOYMENT.....	3
ELECTROPLATING.....	1	ENCAPSULATING.....	5
ELECTROSLAG WELDING.....	1	ENCLOSURES.....	3
ELECTROSTATIC CHARGE.....	3	END-TO-END DATA SYSTEMS.....	12
ELECTROSTATIC GYROSCOPES.....	1	ENERGETIC PARTICLES.....	4
ELECTROSTATIC PROBES.....	2	ENERGY ABSORPTION.....	1
ELECTROSTATIC SHIELDING.....	1	ENERGY BANDS.....	1
ELECTROSTATICS.....	6	ENERGY BUDGETS.....	2
ELEVATION.....	2	ENERGY CONSERVATION.....	8
ELEVATION ANGLE.....	1	ENERGY CONSUMPTION.....	6
ELLIPSES.....	4	ENERGY CONVERSION.....	8
ELLIPSOIDS.....	1	ENERGY CONVERSION EFFICIENCY..	5
ELLIPSOMETERS.....	1	ENERGY DISSIPATION.....	3
ELLIPTIC DIFFERENTIAL EQUATION	2	ENERGY DISTRIBUTION.....	1
ELLIPTIC FUNCTIONS.....	1	ENERGY GAPS (SOLID STATE).....	1
ELLIPTICAL GALAXIES.....	1	ENERGY LEVELS.....	1
EMBEDDED COMPUTER SYSTEMS.....	35	ENERGY POLICY.....	3
EMBEDDING.....	5	ENERGY REQUIREMENTS.....	2

SECONDARY KEYS

Key	No.	Key	No.
ENERGY SOURCES.....	1	ENVIRONMENT PROTECTION.....	4
ENERGY SPECTRA.....	2	ENVIRONMENT SIMULATION.....	5
ENERGY STORAGE.....	4	ENVIRONMENTAL CONTROL.....	12
ENERGY TECHNOLOGY.....	18	ENVIRONMENTAL ENGINEERING.....	4
ENERGY TRANSFER.....	1	ENVIRONMENTAL LABORATORIES....	1
ENGINE CONTROL.....	4	ENVIRONMENTAL MONITORING.....	14
ENGINE DESIGN.....	9	ENVIRONMENTAL QUALITY.....	2
ENGINE INLETS.....	1	ENVIRONMENTAL TEST.....	1
ENGINE MONITORING INSTRUMENTS.	7	ENVIRONMENTAL TESTS.....	25
ENGINE NOISE.....	1	ENVIRONMENTS.....	7
ENGINE PARTS.....	13	ENZYMES.....	2
ENGINE TESTING LABORATORIES...	2	EPHEMERIS TIME.....	1
ENGINE TESTS.....	23	EPITAXY.....	2
ENGINEERING.....	6	EPOXY COMPOUNDS.....	1
ENGINEERING DRAWINGS.....	11	EPOXY RESINS.....	6
ENGINEERING MANAGEMENT.....	8	EQUATIONS.....	1
ENGINES.....	1	EQUATIONS OF MOTION.....	11
ENGLISH LANGUAGE.....	2	EQUATORIAL ATMOSPHERE.....	1
ENTIRE FUNCTIONS.....	1	EQUILIBRIUM EQUATIONS.....	2
ENTROPY.....	1	EQUILIBRIUM METHODS.....	1
ENTROPY (STATISTICS).....	3	EQUIPMENT.....	5
ENTRY GUIDANCE (STS).....	1	EQUIPMENT SPECIFICATIONS.....	45
ENVIRONMENT EFFECTS.....	8	EQUIVALENCE.....	3
ENVIRONMENT MANAGEMENT.....	1	EQUIVALENT CIRCUITS.....	4
ENVIRONMENT MODELS.....	5	EREP.....	2
ENVIRONMENT POLLUTION.....	1	ERGODIC PROCESS.....	5

SECONDARY KEYS

Key	No.	Key	No.
ERGOMETERS.....	1	EVOKED RESPONSE PHYSIOLOGICAL.	1
EROSION.....	4	EXCAVATION.....	2
ERROR CORRECTING CODES.....	12	EXCITATION.....	1
ERROR CORRECTING DEVICES.....	17	EXCRETION.....	1
ERROR DETECTION CODES.....	43	EXERCISE PHYSIOLOGY.....	1
ERROR FUNCTIONS.....	1	EXHAUST EMISSION.....	4
ERROR SIGNALS.....	4	EXHAUST FLOW SIMULATION.....	1
ERROR SIGNALS BROWSE 2.....	1	EXHAUST GASES.....	1
ERRORS.....	31	EXHAUST NOZZLES.....	1
ERYTHROCYTES.....	1	EXHAUST SYSTEMS.....	1
ESA SATELLITES.....	3	EXISTENCE.....	1
ESA SPACECRAFT.....	1	EXISTENCE THEOREMS.....	1
ESCAPE SYSTEMS.....	14	EXO BIOLOGY.....	2
ESTIMATES.....	17	EXPANSION.....	2
ESTIMATING.....	15	EXPERIMENT DESIGN.....	26
ESTIMATORS.....	1	EXPERIMENTATION.....	2
ETCHING.....	2	EXPERT SYSTEMS.....	37
ETHICS.....	1	EXPLODING WIRES.....	1
EURECA (ESA).....	1	EXPLOITATION.....	1
EUROPE.....	13	EXPLORER 19 SATELLITE.....	2
EUROPEAN AIRBUS.....	11	EXPLOSIONS.....	2
EUROPEAN COMMUNICATIONS SATELL	1	EXPLOSIVE DEVICES.....	8
EUROPEAN SPACE AGENCY.....	7	EXPLOSIVES.....	6
EUROPEAN SPACE PROGRAMS.....	12	EXPONENTIAL FUNCTIONS.....	4
EVALUATION.....	74	EXPONENTS.....	1
EVASIVE ACTIONS.....	1	EXPOSURE.....	9

SECONDARY KEYS

Key	No.	Key	No.
EXTENSOMETERS.....	1	F-106 AIRCRAFT.....	2
EXTERNAL STORE SEPARATION.....	21	F-111 AIRCRAFT.....	6
EXTERNAL STORES.....	8	F-14 AIRCRAFT.....	4
EXTERNAL SURFACE CURRENTS.....	1	F-15 AIRCRAFT.....	12
EXTERNAL TANKS.....	5	F-16 AIRCRAFT.....	20
EXTRACTION.....	3	F-18 AIRCRAFT.....	6
EXTRAPOLATION.....	6	F-4 AIRCRAFT.....	6
EXTRATERRESTRIAL.....	1	F-5 AIRCRAFT.....	1
EXTRATERRESTRIAL ENVIRONMENTS.	1	F-8 AIRCRAFT.....	1
EXTRATERRESTRIAL RESOURCES....	1	FABRICATION.....	74
EXTRAVEHICULAR ACTIVITY.....	29	FABRICS.....	1
EXTRAVEHICULAR MOBILITY UNITS.	34	FABRY-PEROT INTERFEROMETERS...	3
EXTREME ULTRAVIOLET EXPLORERSA	1	FABRY-PEROT SPECTROMETERS.....	1
EXTREME ULTRAVIOLET RADIATION.	2	FACILITIES.....	6
EXTREMELY HIGH FREQUENCIES....	2	FACSIMILE COMMUNICATION.....	1
EXTREMUM VALUES.....	3	FACTOR ANALYSIS.....	4
EYE (ANATOMY).....	3	FACTORIZATION.....	6
EYE DISEASES.....	2	FADING.....	2
EYE EXAMINATIONS.....	1	FAIL-SAFE SYSTEMS.....	32
EYE MOVEMENTS.....	3	FAILURE.....	6
EYE PROTECTION.....	2	FAILURE MODES.....	15
EYEPIECES.....	1	FAINT OBJECT CAMERA.....	7
F REGION.....	1	FAIRINGS.....	2
F-100 AIRCRAFT.....	2	FALLOUT.....	3
F-101 AIRCRAFT.....	1	FAN BLADES.....	1
F-105 AIRCRAFT.....	1	FAR FIELDS.....	7

SECONDARY KEYS

Key	No.	Key	No.
FAR INFRARED RADIATION.....	2	FERTILIZATION.....	1
FAR ULTRAVIOLET RADIATION.....	3	FIBER COMPOSITES.....	3
FARADAY EFFECT.....	1	FIBER OPTICS.....	76
FARM CROPS.....	7	FIBER REINFORCED COMPOSITES...	8
FARMLANDS.....	1	FIBERS.....	2
FAST FOURIER TRANSFORMATIONS..	10	FIBONACCI NUMBERS.....	2
FASTENERS.....	10	FIELD EFFECT TRANSISTORS.....	14
FATIGUE (BIOLOGY).....	3	FIELD EMISSION.....	1
FATIGUE (MATERIALS).....	4	FIELD OF VIEW.....	10
FATIGUE LIFE.....	7	FIELD STRENGTH.....	1
FATIGUE TESTING MACHINES.....	6	FIELD THEORY (PHYSICS).....	2
FATIGUE TESTS.....	20	FIGHTER AIRCRAFT.....	23
FAULT TREES.....	16	FIGURE OF MERIT.....	4
FAULTS.....	7	FILAMENT WINDING.....	2
FEASIBILITY ANALYSIS.....	34	FILAMENTS.....	1
FEDERAL BUDGETS.....	8	FILE MAINTENANCE (COMPUTERS)..	34
FEED FORWARD CONTROL.....	1	FILES.....	2
FEEDBACK.....	20	FILLERS.....	2
FEEDBACK AMPLIFIERS.....	1	FILM THICKNESS.....	2
FEEDBACK CIRCUITS.....	3	FILMS.....	3
FEEDBACK CONTROL.....	60	FILTERS.....	2
FEEDERS.....	1	FILTRATION.....	2
FEEDING (SUPPLYING).....	2	FINANCIAL MANAGEMENT.....	4
FEMALES.....	1	FINGERS.....	1
FERRITES.....	2	FINITE DIFFERENCE THEORY.....	8
FERROMAGNETIC MATERIALS.....	1	FINITE ELEMENT METHOD.....	33

SECONDARY KEYS

Key	No.	Key	No.
FINITE ELEMENT METHODMINS:....	1	FLASH LAMPS.....	2
FINS.....	7	FLASH POINT.....	1
FIR FILTERS.....	1	FLAT PLATES.....	3
FIRE CONTROL.....	12	FLAT SURFACES.....	1
FIRE CONTROL CIRCUITS.....	1	FLEXIBILITY.....	8
FIRE EXTINGUISHERS.....	1	FLEXIBLE BODIES.....	7
FIREBALLS.....	1	FLEXIBLE SPACECRAFT.....	4
FIRES.....	2	FLEXING.....	1
FIRING (IGNITING).....	1	FLICKER.....	1
FIRMWARE.....	5	FLIGHT.....	1
FISSION PRODUCTS.....	1	FLIGHT ALTITUDE.....	1
FITTING.....	1	FLIGHT CHARACTERISTICS.....	5
FITTINGS.....	7	FLIGHT CLOTHING.....	2
FIXED POINT ARITHMETIC.....	6	FLIGHT CONDITIONS.....	5
FIXED WINGS.....	1	FLIGHT CONTROL.....	40
FIXTURES.....	2	FLIGHT CONTROL.....	1
FIZEAU EFFECT.....	1	FLIGHT CREWS.....	19
FLAME PROPAGATION.....	3	FLIGHT FITNESS.....	2
FLAME RETARDANTS.....	1	FLIGHT HAZARDS.....	1
FLAME SPECTROSCOPY.....	1	FLIGHT INSTRUMENTS.....	4
FLAME SPRAYING.....	1	FLIGHT MANAGEMENT SYSTEMS.....	6
FLAME TEMPERATURE.....	1	FLIGHT MECHANICS.....	1
FLAMES.....	2	FLIGHT OPERATIONS.....	9
FLAMMABILITY.....	5	FLIGHT OPTIMIZATION.....	3
FLANGES.....	5	FLIGHT PATHS.....	10
FLARES.....	3	FLIGHT PLANS.....	7

SECONDARY KEYS

Key	No.	Key	No.
FLIGHT RECORDERS.....	2	FLUCTUATION THEORY.....	1
FLIGHT SAFETY.....	12	FLUID DYNAMICS.....	5
FLIGHT SIMULATION.....	44	FLUID FLOW.....	3
FLIGHT TEST INSTRUMENTS.....	4	FLUID INJECTION.....	1
FLIGHT TRAINING.....	6	FLUID JETS.....	3
FLIGHT VEHICLES.....	1	FLUID MANAGEMENT.....	2
FLIGHTTIME.....	2	FLUID MECHANICS.....	8
FLIP-FLOPS.....	6	FLUID POWER.....	1
FLIR DETECTORS.....	18	FLUID PRESSURE.....	1
FLOATING POINT ARITHMETIC.....	18	FLUID TRANSMISSION LINES.....	1
FLOORS.....	1	FLUIDIZED BED PROCESSORS.....	1
FLOTATION.....	1	FLUORESCENCE.....	12
FLOW.....	1	FLUOROSCOPY.....	1
FLOW CHARACTERISTICS.....	1	FLUTTER.....	2
FLOW CHARTS.....	35	FLUTTER ANALYSIS.....	2
FLOW DISTORTION.....	2	FLUX.....	1
FLOW DISTRIBUTION.....	8	FLUX (RATE).....	1
FLOW EQUATIONS.....	1	FLUX DENSITY.....	2
FLOW GEOMETRY.....	3	FLUXES.....	2
FLOW MEASUREMENT.....	8	FLY BYWIRE CONTROL.....	2
FLOW RESISTANCE.....	1	FLYBY MISSIONS.....	4
FLOW STABILITY.....	3	FLYING PERSONNEL.....	1
FLOW THEORY.....	1	FLYING SPOT SCANNERS.....	1
FLOW VELOCITY.....	8	FOAMS.....	3
FLOW VISUALIZATION.....	10	FOCI.....	5
FLOWMETERS.....	2	FOG.....	2

SECONDARY KEYS

Key	No.	Key	No.
FOILS (MATERIALS).....	1	FRACTURE MECHANICS.....	6
FOKKER AIRCRAFT.....	1	FRACTURE STRENGTH.....	2
FOLDING.....	2	FRAME PHOTOGRAPHY.....	3
FOLDING FIN AIRCRAFT ROCKET VE	1	FRAMES.....	5
FOOD INTAKE.....	1	FRANCE.....	12
FOOD PROCESSING.....	1	FREE CONVECTION.....	1
FORCED VIBRATION.....	1	FREE FLIGHT.....	3
FORECASTING.....	2	FREE FLOW.....	1
FOREIGN POLICY.....	1	FREE VIBRATION.....	1
FOREST FIRE DETECTION.....	2	FREEZING.....	1
FOREST MANAGEMENT.....	2	FREIGHT COSTS.....	2
FORESTS.....	8	FRENCH SPACE PROGRAMS.....	2
FORGING.....	4	FREON.....	1
FORMALISM.....	9	FREQUENCIES.....	5
FORMAT.....	18	FREQUENCY ANALYZERS.....	1
FORMATION.....	1	FREQUENCY CONTROL.....	1
FORMING TECHNIQUES.....	11	FREQUENCY CONVERTERS.....	1
FORMULAS (MATHEMATICS).....	1	FREQUENCY DISTRIBUTION.....	3
FORTRAN.....	55	FREQUENCY DIVISION MULTIPLEXIN	3
FOSSIL FUELS.....	1	FREQUENCY MEASUREMENT.....	9
FOUNDATIONS.....	1	FREQUENCY MODULATION.....	9
FOUNDRIES.....	1	FREQUENCY MULTIPLIERS.....	2
FOURIER ANALYSIS.....	4	FREQUENCY RANGES.....	1
FOURIER SERIES.....	3	FREQUENCY RESPONSE.....	21
FOURIER TRANSFORMATION.....	21	FREQUENCY REUSE.....	1
FRACTOGRAPHY.....	1	FREQUENCY SCANNING.....	1

SECONDARY KEYS

Key	No.	Key	No.
FREQUENCY SHIFT.....	1	FUNCTION GENERATORS.....	3
FREQUENCY STABILITY.....	4	FUNCTION SPACE.....	1
FREQUENCY STANDARDS.....	1	FUNCTIONAL ANALYSIS.....	5
FREQUENCY SYNCHRONIZATION.....	1	FUNCTIONAL DESIGN SPECIFICATIO	11
FREQUENCY SYNTHESIZERS.....	4	FUNCTIONALS.....	6
FRETTING CORROSION.....	2	FUNCTIONS.....	5
FRICTION.....	4	FUNCTIONS (MATHEMATICS).....	11
FRICTION FACTOR.....	2	FURLABLE ANTENNAS.....	1
FRICTION MEASUREMENT.....	1	FURNACES.....	1
FRICTION WELDING.....	1	FUSELAGES.....	3
FRONTS (METEOROLOGY).....	1	FUSES(ORDNANCE).....	5
FUEL CELLS.....	3	FUSION REACTORS.....	2
FUEL CONSUMPTION.....	11	FUSION WELDING.....	1
FUEL CONTROL.....	1	FUZZY SETS.....	11
FUEL FLOW.....	2	FUZZY SYSTEMS.....	6
FUEL FLOW REGULATORS.....	1	GALACTIC CLUSTERS.....	1
FUEL GAGES.....	1	GALACTIC EVOLUTION.....	2
FUEL OILS.....	1	GALACTIC RADIATION.....	2
FUEL PRODUCTION.....	1	GALAXIES.....	2
FUEL SPRAYS.....	2	GALILEAN SATELLITES.....	1
FUEL SYSTEMS.....	3	GALILEO PROJECT.....	1
FUEL TANK PRESSURIZATION.....	1	GALILEO SPACECRAFT.....	5
FUEL TANKS.....	9	GALLIUM ARSENIDES.....	20
FUEL-AIR RATIO.....	1	GAME THEORY.....	10
FUELS.....	1	GAMMA RAY ABSORPTION.....	1
FULL SCALE TESTS.....	3	GAMMA RAY ASTRONOMY.....	5

SECONDARY KEYS

Key	No.	Key	No.
GAMMA RAY BURSTS.....	4	GAS-METAL INTERACTIONS.....	1
GAMMA RAY SPECTROMETERS.....	2	GAS-SOLID INTERACTIONS.....	1
GAMMA RAY TELESCOPES.....	1	GASEOUS DIFFUSION.....	1
GAMMA RAYS.....	8	GASEOUS ROCKET PROPELLANTS....	1
GAPS.....	3	GASES.....	1
GARMENTS.....	2	GASOLINE.....	1
GAS ANALYSIS.....	2	GATES (CIRCUITS).....	24
GAS CHROMATOGRAPHY.....	1	GAUGE INVARIANCE.....	1
GAS DENSITY.....	2	GAUGE THEORY.....	1
GAS DETECTORS.....	1	GEARS.....	2
GAS DISCHARGE TUBES.....	1	GECOMPUTERS.....	1
GAS DISCHARGES.....	1	GELS.....	1
GAS DYNAMICS.....	3	GEMINI 4 FLIGHT.....	2
GAS EXCHANGE.....	1	GEMINI PROJECT.....	1
GAS FLOW.....	1	GENERAL AVIATION AIRCRAFT.....	2
GAS JETS.....	1	GENERATION.....	2
GAS LASERS.....	1	GENETIC CODE.....	1
GAS METERS.....	1	GENETIC ENGINEERING.....	1
GAS MIXTURES.....	1	GENETICS.....	2
GAS PRESSURE.....	2	GEOBOTANY.....	1
GAS SPECTROSCOPY.....	1	GEOCENTRIC COORDINATES.....	2
GAS TEMPERATURE.....	2	GEOCHEMISTRY.....	4
GAS TUNGSTEN ARC WELDING.....	4	GEOCORONAL EMISSIONS.....	1
GAS TURBINE ENGINES.....	23	GEODESY.....	14
GAS TURBINES.....	5	GEODETTIC COORDINATES.....	1
GAS WELDING.....	5	GEODETTIC SURVEYS.....	5

SECONDARY KEYS

Key	No.	Key	No.
GEOGRAPHIC INFORMATION SYSTEMS	3	GLASSFIBER REINFORCED PLASTICS	3
GEOGRAPHY.....	3	GLAUCOMA.....	1
GEOLOGICAL SURVEYS.....	8	GLIDE PATHS.....	2
GEOLOGY.....	3	GLINT.....	1
GEOMAGNETIC HOLLOW.....	1	GLOBAL POSITIONING SYSTEM.....	7
GEOMAGNETIC PULSATIONS.....	2	GLOBULAR CLUSTERS.....	2
GEOMAGNETISM.....	2	GLOVES.....	1
GEOMETRIC ACCURACY.....	5	GLOW DISCHARGES.....	2
GEOMETRIC RECTIFICATION (IMAGE	10	GLYCEROLS.....	1
GEOMETRICAL OPTICS.....	6	GLYCINE.....	1
GEOMETRY.....	9	GOALS.....	2
GEOMORPHOLOGY.....	4	GOLD.....	4
GEOPHYSICS.....	7	GOLD ALLOYS.....	1
GEOS 3 SATELLITE.....	1	GOLD COATINGS.....	1
GEOSYNCHRONOUS ORBITS.....	4	GONIOMETERS.....	1
GEO THERMAL ENERGY CONVERSION..	1	GOODNESS OF FIT.....	2
GERMANY.....	1	GOVERNMENT.....	8
GERT.....	3	GOVERNMENT PROCUREMENT.....	21
GHOSTS.....	1	GOVERNMENTS.....	8
GIANT STARS.....	2	GRADIENT INDEX OPTICS.....	2
GIMBALS.....	5	GRADIENTS.....	2
GIOTTO MISSION.....	6	GRAINS (FOOD).....	1
GIRDERS.....	2	GRAMMARS.....	10
GLARE.....	2	GRANTS.....	3
GLASS.....	10	GRAPH THEORY.....	17
GLASS FIBERS.....	6	GRAPHIC ARTS.....	4

SECONDARY KEYS

Key	No.	Key	No.
GRAPHITE.....	3	GROUND TRUTH.....	3
GRAPHITE-EPOXY COMPOSITES.....	15	GROUND WATER.....	2
GRAPHS (CHARTS).....	17	GROUP DYNAMICS.....	5
GRATINGS (SPECTRA).....	10	GROUP THEORY.....	2
GRAVIMETRY.....	3	GROWTH.....	1
GRAVITATION.....	3	GRUMMAN AIRCRAFT.....	1
GRAVITATIONAL EFFECTS.....	1	GUIDANCE (MOTION).....	10
GRAVITATIONAL FIELDS.....	1	GUIDANCE SENSORS.....	7
GRAVITATIONAL LENSES.....	1	GUIDE VANES.....	1
GRAVITY ANOMALIES.....	1	GUN TURRETS.....	2
GRAY SCALE.....	5	GUNFIRE.....	1
GREAT PLAINS CORRIDOR (NORTH A	2	GUNN EFFECT.....	1
GREENHOUSES.....	1	GUNN DIODES.....	1
GREENLAND.....	1	GUNS (ORDNANCE).....	6
GRIDS.....	6	GUST LOADS.....	1
GRINDING (MATERIAL REMOVAL)...	3	GYROCOMPASSES.....	1
GROOVES.....	1	GYROSCOPES.....	6
GROUND BASED CONTROL.....	15	GYROSCOPIC STABILITY.....	3
GROUND CREWS.....	2	GYROSTABILIZERS.....	1
GROUND HANDLING.....	52	H ALPHA LINE.....	1
GROUND OPERATIONAL SUPPORT SYS	2	HABITABILITY.....	3
GROUND STATINS SYTEM ENGINEERIN	1	HABITATS.....	1
GROUND STATIONS.....	17	HAILSTORMS.....	1
GROUND SUPPORT EQUIPMENT.....	20	HAL.....	1
GROUND SUPPORT SYSTEMS.....	12	HALF PLANES.....	1
GROUND TESTS.....	15	HALL EFFECT.....	3

SECONDARY KEYS

Key	No.	Key	No.
HALLEY'S COMET.....	19	HEART RATE.....	2
HALOS.....	1	HEAT.....	2
HAMILTONIAN FUNCTIONS.....	1	HEAT ACCLIMATIZATION.....	1
HAND (ANATOMY).....	1	HEAT EXCHANGERS.....	3
HANDBOOKS.....	8	HEAT FLUX.....	2
HANDICAPS.....	1	HEAT GENERATION.....	1
HANDLING EQUIPMENT.....	4	HEAT MEASUREMENT.....	1
HANGARS.....	3	HEAT PIPES.....	6
HARDENING (MATERIALS).....	1	HEAT RADIATORS.....	3
HARDENING (SYSTEMS).....	1	HEAT RESISTANT ALLOYS.....	2
HARDNESS.....	2	HEAT SHIELDING.....	4
HARDNESS TESTS.....	2	HEAT SINKS.....	1
HARDWARE UTILIZATION LISTS....	1	HEAT SOURCES.....	1
HARMONIC ANALYSIS.....	3	HEAT STORAGE.....	1
HARMONIC GENERATORS.....	2	HEAT TRANSFER.....	17
HARMONIC MOTION.....	1	HEAT TRANSFER COEFFICIENTS....	3
HARMONIC OSCILLATION.....	2	HEAT TREATMENT.....	4
HARNESSES.....	8	HEATERS.....	1
HARRIER AIRCRAFT.....	4	HEATING.....	4
HAWAII.....	1	HEATING EQUIPMENT.....	2
HAZARDS.....	6	HEAVY IONS.....	2
HCN LASERS.....	1	HEAVY LIFT AIRSHIPS.....	2
HEAD-UP DISPLAYS.....	3	HEIGHT.....	6
HEART.....	3	HELICOPTER CONTROL.....	1
HEART DISEASES.....	1	HELICOPTER DESIGN.....	4
HEART FUNCTION.....	2	HELICOPTER ENGINES.....	1

SECONDARY KEYS

Key	No.	Key	No.
HELICOPTER PERFORMANCE.....	6	HIGH DISPERSION SPECTROGRAPHS.	2
HELICOPTERS.....	15	HIGH ENERGY INTERACTIONS.....	1
HELIOSTATS.....	1	HIGH FREQUENCIES.....	4
HELIUM.....	5	HIGH LEVEL LANGUAGES.....	77
HELIUM IONS.....	1	HIGH PASS FILTERS.....	3
HELIUM-NEON LASERS.....	4	HIGH POWER LASERS.....	3
HELIUM-NEON LASERS.....	1	HIGH PRESSURE.....	7
HELMET MOUNTED DISPLAYS.....	2	HIGH RESOLUTION.....	33
HELMETS.....	3	HIGH SPEED.....	21
HEMATOLOGY.....	3	HIGH SPEED CAMERAS.....	8
HEMODYNAMIC RESPONSES.....	1	HIGH SPEED PHOTOGRAPHY.....	2
HEMODYNAMICS.....	1	HIGH STRENGTH.....	1
HEMORRHAGES.....	1	HIGH TEMPERATURE.....	7
HEPATITIS.....	1	HIGH TEMPERATURE ENVIRONMENTS.	2
HERMETIC SEALS.....	6	HIGH TEMPERATURE PLASMAS.....	1
HERTZSPRUNG-RUSSELL DIAGRAM...	2	HIGH TEMPERATURE TESTS.....	9
HETERODYNING.....	1	HIGH VOLTAGES.....	13
HETEROGENEITY.....	2	HIGHWAYS.....	20
HETEROJUNCTIONS.....	3	HILBERT SPACE.....	4
HEURISTIC METHODS.....	31	HILBERT TRANSFORMATION.....	1
HEWLETT-PACKARD COMPUTERS.....	5	HISTOGRAMS.....	11
HEXAGONS.....	2	HISTOLOGY.....	1
HIERARCHIES.....	44	HISTORIES.....	18
HIGH ALTITUDE.....	6	HODOGRAPHS.....	1
HIGH ALTITUDE BALLOONS.....	2	HOLDERS.....	6
HIGH ALTITUDE TESTS.....	1	HOLEGEOMETRY (MECHANICS).....	1

SECONDARY KEYS

Key	No.	Key	No.
HOLOGRAPHIC INTERFEROMETRY....	20	HUGHES AIRCRAFT.....	1
HOLOGRAPHY.....	28	HULLS (STRUCTURES).....	1
HOMEOSTASIS.....	1	HUMAN BEHAVIOR.....	19
HOMING.....	4	HUMAN BEINGS.....	2
HOMING DEVICES.....	10	HUMAN BODY.....	5
HOMOGENEITY.....	1	HUMAN PATHOLOGY.....	1
HOMOMORPHISMS.....	1	HUMAN PERFORMANCE.....	32
HONEYCOMB STRUCTURES.....	1	HUMAN REACTIONS.....	6
HONEYWELL 600.....	1	HUMAN RESOURCES.....	1
HONEYWELL COMPUTERS.....	1	HUMAN TOLERANCES.....	2
HOOKS.....	1	HUMIDITY.....	5
HOOPS.....	1	HUMIDITY MEASUREMENT.....	1
HORIZON SCANNERS.....	1	HUNGARY.....	2
HORIZONTAL ORIENTATION.....	1	HYBRID CIRCUITS.....	16
HORMONES.....	3	HYBRID COMPUTERS.....	10
HORN ANTENNAS.....	1	HYBRID PROPULSION.....	1
HORSEPOWER.....	1	HYBRID STRUCTURES.....	2
HOSES.....	1	HYDRAULIC CONTROL.....	2
HOSPITALS.....	2	HYDRAULIC EQUIPMENT.....	17
HOT PRESSING.....	6	HYDRAULIC JETS.....	1
HOT WORKING.....	1	HYDRAZINES.....	1
HOT-WIRE ANEMOMETERS.....	1	HYDROCARBONS.....	1
HOUSEHOLDER TRANSFORMATIONS...	1	HYDRODYNAMIC EQUATIONS.....	1
HOUSINGS.....	3	HYDRODYNAMICS.....	4
HUBBLE SPACE TELESCOPE.....	17	HYDROFLUORIC ACID.....	1
HUBS.....	1	HYDROFOIL CRAFT.....	1

SECONDARY KEYS

Key	No.	Key	No.
HYDROGEN.....	3	ICE FORMATION.....	1
HYDROGEN CLOUDS.....	1	ICE MAPPING.....	2
HYDROGEN EMBRITTLEMENT.....	1	ICE PREVENTION.....	1
HYDROGEN ENGINES.....	1	ICELAND.....	3
HYDROGEN FUELS.....	1	ICL COMPUTERS.....	1
HYDROGENATION.....	1	IDENTIFYING.....	7
HYDROGEOLOGY.....	2	IGNITERS.....	1
HYDROGRAPHY.....	3	IGNITION.....	4
HYDROLOGY.....	3	ILLIAC 4 COMPUTER.....	2
HYDROMECHANICS.....	2	ILLUMINANCE.....	1
HYDROPHONES.....	2	ILLUMINATING.....	9
HYDROPLANING.....	1	ILLUMINATION.....	1
HYGIENE.....	1	IMAGE ANALYSIS.....	35
HYPERBARIC CHAMBERS.....	1	IMAGE CONTRAST.....	11
HYPERGOLIC ROCKET PROPELLANTS.	1	IMAGE CONVERTERS.....	9
HYPEROPIA.....	1	IMAGE CORRELATORS.....	4
HYPERPLANES.....	1	IMAGE DISSECTOR TUBES.....	1
HYPERVELOCITY IMPACT.....	2	IMAGE ENHANCEMENT.....	25
HYPERVELOCITY LAUNCHERS.....	1	IMAGE FILTERS.....	2
HYPOTHESES.....	5	IMAGE INTENSIFIERS.....	35
HYSTERESIS.....	2	IMAGE MOTION COMPENSATION.....	10
I.....	1	IMAGE ORTHICONS.....	5
I BEAMS.....	2	IMAGE RECONSTRUCTION.....	17
IBM 370 COMPUTER.....	3	IMAGE RESOLUTION.....	33
IBM COMPUTERS.....	8	IMAGE ROTATION.....	4
ICE ENVIRONMENTS.....	1	IMAGE TRANSDUCERS.....	3

SECONDARY KEYS

Key	No.	Key	No.
IMAGE TUBES.....	9	INCANDESCENCE.....	1
IMAGE TUBES.....	1	INCENDIARY AMMUNITION.....	1
IMAGE VELOCITY SENSORS.....	3	INCENTIVES.....	2
IMAGERY.....	6	INCIDENCE.....	2
IMAGES.....	22	INCIDENT RADIATION.....	1
IMAGING TECHNIQUES.....	66	INCOHERENCE.....	1
IMIDES.....	1	INCOHERENT SCATTERING.....	1
IMMOBILIZATION.....	1	INCONEL (TRADEMARK).....	1
IMMUNOLOGY.....	3	INDEPENDENT VARIABLES.....	18
IMPACT.....	1	INDEXES (DOCUMENTATION).....	15
IMPACT DAMAGE.....	2	INDEXES (RATIOS).....	2
IMPACT LOADS.....	1	INDIA.....	1
IMPACT PREDICTION.....	1	INDIAN SPACE PROGRAM.....	2
IMPACT RESISTANCE.....	2	INDIAN SPACECRAFT.....	5
IMPACT TESTS.....	2	INDICATING INSTRUMENTS.....	6
IMPEDANCE.....	2	INDICATORS.....	2
IMPEDANCE MATCHING.....	2	INDIUM ANTIMONIDES.....	2
IMPEDANCE MEASUREMENT.....	7	INDIUM ARSENIDES.....	1
IMPEDANCE PROBES.....	1	INDUCTANCE.....	2
IMPINGEMENT.....	1	INDUCTION (MATHEMATICS).....	1
IMPLICATION.....	1	INDUCTION MOTORS.....	1
IMPLOSIONS.....	2	INDUSTRIAL AREAS.....	1
IMPROVEMENT.....	3	INDUSTRIAL ENERGY.....	2
IMPULSES.....	2	INDUSTRIAL MANAGEMENT.....	24
IMPURITIES.....	2	INDUSTRIAL PLANTS.....	56
IN-FLIGHT MONITORING.....	16	INDUSTRIAL PLANTS.....	1

SECONDARY KEYS

Key	No.	Key	No.
INDUSTRIAL SAFETY.....	4	INFRARED FILTERS.....	1
INDUSTRIES.....	58	INFRARED IMAGERY.....	33
INDUSTRY RELATIONS.....	8	INFRARED IMAGERY.....	1
INELASTIC STRESS.....	1	INFRARED INSPECTION.....	4
INEQUALITIES.....	3	INFRARED INSTRUMENTS.....	10
INERTATMOSPHERE.....	2	INFRARED LASERS.....	4
INERTIA.....	1	INFRARED PHOTOGRAPHY.....	8
INERTIAL CONFINEMENT FUSION...	1	INFRARED RADAR.....	1
INERTIAL GUIDANCE.....	1	INFRARED RADIATION.....	13
INERTIAL NAVIGATION.....	2	INFRARED RADIOMETERS.....	5
INERTIAL PLATFORMS.....	2	INFRARED REFLECTION.....	1
INERTIAL UPPER STAGE.....	4	INFRARED SCANNERS.....	8
INFESTATION.....	3	INFRARED SIGNATURES.....	6
INFLATABLE STRUCTURES.....	4	INFRARED SPECTRA.....	6
INFLATING.....	1	INFRARED SPECTROMETERS.....	4
INFORMATION.....	1	INFRARED SPECTROPHOTOMETERS...	3
INFORMATION.....	1	INFRARED SPECTROSCOPY.....	2
INFORMATION DISSEMINATION.....	29	INFRARED SUPPRESSION.....	1
INFORMATION FLOW.....	21	INFRARED TELESCOPES.....	11
INFORMATION MANAGEMENT.....	41	INFRARED TRACKING.....	3
INFORMATION RETRIEVAL.....	60	INHIBITION (PSYCHOLOGY).....	1
INFORMATION THEORY.....	74	INITIATORS (EXPLOSIVES).....	5
INFORMATION TRANSFER.....	3	INJECTION.....	1
INFRARED ASTRONOMY.....	11	INJECTION LASERS.....	1
INFRARED ASTRONOMY SATELLITE..	4	INJECTION MOLDING.....	1
INFRARED DETECTORS.....	44	INJECTORS.....	1

SECONDARY KEYS

Key	No.	Key	No.
INJURIES.....	1	INTEGRATED MISSIONCONTROL CENT	10
INLET FLOW.....	1	INTEGRATED OPTICS.....	6
INLET PRESSURE.....	3	INTEGRATORS.....	2
INORGANIC PEROXIDES.....	1	INTEGRITY.....	1
INPUT.....	53	INTEL 8080 MICROPROCESSOR.....	3
INSECTS.....	1	INTELLECT.....	1
INSERTION.....	2	INTELLIGENCE.....	10
INSERTION LOSS.....	7	INTELSAT SATELLITES.....	1
INSERTS.....	2	INTENSIFIERS.....	1
INSPECTION.....	50	INTENSITY.....	1
INSTALLATION MANUALS.....	1	INTERACTIONS.....	3
INSTALLING.....	15	INTERACTIVE CONTROL.....	50
INSTRUCTION SETS (COMPUTERS)...	17	INTERCEPTION.....	2
INSTRUCTORS.....	2	INTERCEPTORS.....	1
INSTRUMENT COMPENSATION.....	1	INTERCONTINENTAL BALLISTIC MIS	2
INSTRUMENT ERRORS.....	49	INTERCOSMOS SATELLITES.....	1
INSTRUMENT LANDING SYSTEMS....	2	INTERFACE STABILITY.....	3
INSTRUMENT ORIENTATION.....	5	INTERFACIAL ENERGY.....	1
INSTRUMENT PACKAGES.....	3	INTERFACIAL TENSION.....	1
INSTRUMENTS.....	9	INTERFERENCE.....	1
INSULATORS.....	1	INTERFERENCE FACTOR TABLE.....	1
INTAKE SYSTEMS.....	3	INTERFERENCE GRATING.....	2
INTEGERS.....	3	INTERFEROMETERS.....	10
INTEGRAL EQUATIONS.....	5	INTERFEROMETRY.....	12
INTEGRAL TRANSFORMATIONS.....	1	INTERGRANULAR CORROSION.....	1
INTEGRATED CIRCUITS	1	INTERIOR BALLISTICS.....	1

SECONDARY KEYS

Key	No.	Key	No.
INTERMEDIATE FREQUENCIES.....	2	INVENTORY CONTROLS.....	5
INTERNAL FRICTION.....	2	INVERSE SCATTERING.....	2
INTERNAL WAVES.....	1	INVERSIONS.....	3
INTERNATIONAL COOPERATION.....	30	INVERTED CONVERTERS (DC TO AC)	1
INTERNATIONAL LAW.....	2	INVESTIGATION.....	3
INTERNATIONAL RELATIONS.....	3	INVISCID FLOW.....	1
INTERNATIONAL TRADE.....	1	IO.....	1
INTERORBITAL TRAJECTORIES.....	1	ION ACCELERATORS.....	1
INTERPLANETARY DUST.....	1	ION EXCHANGING.....	2
INTERPLANETARY SPACE.....	2	ION IMPACT.....	1
INTERPLANETARY SPACECRAFT.....	3	ION IMPLANTATION.....	2
INTERPLANETARY TRAJECTORIES...	2	ION MICROSCOPES.....	1
INTERPOLATION.....	10	ION PLATING.....	1
INTERPROCESSOR COMMUNICATION..	74	ION PROPULSION.....	1
INTERPROCESSORCOMMUNICATION...	1	IONDENSITY (CONCENTRATION)....	1
INTERROGATION.....	6	IONIZATION.....	1
INTERRUPTION.....	2	IONIZING RADIATION.....	4
INTERSECTIONS.....	1	IONOGRAMS.....	1
INTERSTELLAR MATTER.....	1	IONOSONDES.....	1
INTERVALS.....	3	IONOSPHERE.....	4
INTOXICATION.....	1	IONOSPHERIC DISTURBANCES.....	1
INTRAVEHICULAR ACTIVITY.....	1	IONOSPHERIC DRIFT.....	1
INVARIANCE.....	4	IONOSPHERIC ELECTRON DENSITY..	2
INVARIANT IMBEDDINGS.....	1	IONOSPHERIC PROPAGATION.....	1
INVENTIONS.....	6	IONOSPHERIC SOUNDING.....	2
INVENTORIES.....	5	IONS.....	3

SECONDARY KEYS

Key	No.	Key	No.
IPAD.....	2	JETTISONING.....	1
IRISES (MECHANICAL APERTURES).	3	JFET.....	1
IRON.....	2	JIGS.....	1
IRON ALLOYS.....	2	JOINING.....	1
IRRADIANCE.....	6	JOINTS (ANATOMY).....	1
IRRADIATION.....	2	JOINTS (JUNCTIONS).....	24
ISOMORPHISM.....	1	JOSEPHSON JUNCTIONS.....	5
ISOPHOTES.....	1	JP-4 JET FUEL.....	1
ISOSTATIC PRESSURE.....	1	JUDGMENTS.....	7
ISOTOPES.....	1	JUMPERS.....	1
ISOTROPIC MEDIA.....	1	JUNCTION DIODES.....	1
ISOTROPISM.....	2	JUPITER (PLANET).....	3
ISRAEL.....	1	JUPITER PROBES.....	1
ITALY.....	3	KALMAN FILTERS.....	13
ITERATION.....	9	KAPTON (TRADEMARK).....	3
ITERATIVE SOLUTION.....	24	KARHUNEN-LOEVE EXPANSION.....	1
IUE.....	8	KENTUCKY.....	1
JACKETS.....	1	KERNEL FUNCTIONS.....	1
JACOBI MATRIX METHOD.....	1	KERNEL FUNCTIONS.....	6
JAMMING.....	1	KETONES.....	1
JAPAN.....	12	KEVLAR (TRADEMARK).....	1
JAPANESE SPACE PROGRAM.....	4	KEYING.....	4
JET AIRCRAFT.....	6	KINEMATIC EQUATIONS.....	1
JET ENGINE FUELS.....	1	KINEMATICS.....	16
JET ENGINES.....	15	KINESTHESIA.....	1
JETTISON SYSTEMS.....	4	KINETIC ENERGY.....	1

SECONDARY KEYS

Key	No.	Key	No.
KINETIC FRICTION.....	1	LANDSAT SATELLITES.....	14
KINETICS.....	1	LANGUAGE PROGRAMMING.....	20
KITS.....	2	LANGUAGES.....	8
KLYSTRONS.....	1	LANTHANUM OXIDES.....	1
KNOWLEDGE.....	15	LAPLACE EQUATION.....	1
KOLMOGOROFF THEORY.....	2	LAPLACE TRANSFORMATION.....	5
KOREA.....	1	LARGE AREA CROP INVENTORY EXPE	1
KP INDEX.....	1	LARGE SCALE INTEGRATION.....	48
LABOR.....	9	LARGE SPACE STRUCTURES.....	23
LABORATORIES.....	9	LASER APPLICATIONS.....	39
LABORATORY EQUIPMENT.....	10	LASER CAVITIES.....	2
LACQUERS.....	3	LASER CUTTING.....	3
LAGRANGE COORDINATES.....	1	LASER DAMAGE.....	4
LAKES.....	1	LASER DOPPLER VELOCIMETERS....	3
LALLEMAND CAMERAS.....	1	LASER DRILLING.....	2
LAMINAR BOUNDARY LAYER.....	1	LASER FUSION.....	4
LAMINAR FLOW.....	1	LASER GUIDANCE.....	2
LAMINAR FLOW AIRFOILS.....	1	LASER INTERFEROMETRY.....	14
LAMINATES.....	4	LASER MATERIALS.....	1
LAND USE.....	10	LASER MICROSCOPY.....	1
LANDING AIDS.....	1	LASER MODES.....	2
LANDING INSTRUMENTS.....	1	LASER OUTPUTS.....	19
LANDING LOADS.....	1	LASER PLASMAS.....	3
LANDING MODULES.....	2	LASER RANGE FINDERS.....	7
LANDING SITES.....	2	LASER RANGER.....	2
LANDSAT 1.....	1	LASER SPECTROSCOPY.....	4

SECONDARY KEYS

Key	No.	Key	No.
LASER STABILITY.....	1	LEAD (METAL).....	1
LASER TARGET DESIGNATORS.....	7	LEAD ACID BATTERIES.....	1
LASER TARGETS.....	2	LEAD SELENIDES.....	1
LASER WEAPONS.....	2	LEAD SULFIDES.....	1
LASER WELDING.....	2	LEADERSHIP.....	2
LASERALTIMETERS.....	1	LEAKAGE.....	15
LASERS.....	21	LEARNING.....	13
LATCH-UP.....	2	LEARNING MACHINES.....	39
LATCHES.....	9	LEARNING THEORY.....	44
LATE STARS.....	1	LEARNING THEORY.....	1
LATERAL CONTROL.....	3	LEAST SQUARES METHOD.....	25
LATERAL STABILITY.....	1	LECTURES.....	1
LATHES.....	5	LEGAL LIABILITY.....	2
LATTICES.....	1	LENGTH.....	3
LAUNCH VEHICLES.....	2	LENS ANTENNAS.....	1
LAUNCHERS.....	2	LENS DESIGN.....	21
LAUNCHING.....	16	LENSES.....	37
LAUNCHING BASES.....	2	LENSES.....	1
LAUNCHING PADS.....	5	LESIONS.....	1
LAUNCHINGSITES.....	1	LEVEL (HORIZONTAL).....	1
LAW (JURISPRUDENCE).....	8	LEVEL (QUANTITY).....	3
LAWS.....	1	LEVITATION.....	2
LAY-UP.....	2	LEXAN (TRADEMARK).....	1
LAYERS.....	1	LIABILITIES.....	1
LAYOUTS.....	4	LIAPUNOV FUNCTIONS.....	1
LEACHING.....	6	LIBERIA.....	1

SECONDARY KEYS

Key	No.	Key	No.
LIBRARIES.....	22	LIMB DARKENING.....	1
LICHENS.....	1	LIMBS (ANATOMY).....	1
LIE GROUPS.....	1	LIMITERS (FUSION REACTORS)....	1
LIFE (DURABILITY).....	22	LIMITS (MATHEMATICS).....	1
LIFE CYCLE COSTS.....	38	LINE OF SIGHT.....	7
LIFE SCIENCES.....	4	LINE SHAPE.....	4
LIFE SUPPORT SYSTEMS.....	14	LINE SPECTRA.....	5
LIFT.....	1	LINEAR ARRAYS.....	6
LIFT DEVICES.....	2	LINEAR CIRCUITS.....	2
LIGHT (VISIBLE RADIATION)....	3	LINEAR EQUATIONS.....	12
LIGHT AIRCRAFT.....	1	LINEAR EVOLUTION EQUATIONS....	1
LIGHT AMPLIFIERS.....	1	LINEAR FILTERS.....	6
LIGHT BEAMS.....	5	LINEAR INTEGRATED CIRCUITS....	2
LIGHT CURVE.....	3	LINEAR POLARIZATION.....	1
LIGHT EMISSION.....	3	LINEAR PROGRAMMING.....	10
LIGHT EMITTING DIODES.....	9	LINEAR SYSTEMS.....	25
LIGHT MODULATION.....	3	LINEAR TRANSFORMATIONS.....	1
LIGHT SCATTERING.....	7	LINEARITY.....	9
LIGHT SOURCES.....	6	LINEARIZATION.....	1
LIGHT SPEED.....	1	LINES (GEOMETRY).....	5
LIGHT TRANSMISSION.....	9	LINGUISTICS.....	10
LIGHT VALVES.....	2	LININGS.....	2
LIGHT WATER REACTORS.....	2	LINKAGES.....	5
LIGHTING EQUIPMENT.....	3	LINKS.....	1
LIGHTNING.....	9	LIPIDS.....	1
LIKELIHOOD RATIO.....	4	LIQUEFIED GASES.....	1

SECONDARY KEYS

Key	No.	Key	No.
LIQUID ATOMIZATION.....	1	LOADING MOMENTS.....	1
LIQUID COOLING.....	4	LOADING OPERATIONS.....	5
LIQUID CRYSTALS.....	5	LOADING RATE.....	1
LIQUID FUELS.....	1	LOADS ("FORCES).....	1
LIQUID HYDROGEN.....	3	LOADS(FORCES).....	16
LIQUID INJECTION.....	1	LOCKHEED AIRCRAFT.....	1
LIQUID METAL FAST BREEDER REAC	1	LOCKING.....	2
LIQUID METALS.....	4	LOCKS (FASTENERS).....	11
LIQUID NITROGEN.....	1	LOCOMOTION.....	4
LIQUID OXYGEN.....	3	LOCOMOTIVES.....	1
LIQUID PROPELLANT ROCKET ENGIN	3	LOFTING.....	1
LIQUID ROCKET PROPELLANTS.....	2	LOGIC.....	6
LIQUID WASTES.....	2	LOGIC CIRCUITS.....	77
LIQUID-LIQUID INTERFACES.....	1	LOGIC PROGRAMMING.....	3
LIQUID-SOLID INTERFACES.....	1	LOGICAL ELEMENTS.....	27
LIQUIDS.....	1	LOGISTICS.....	16
LISP (PROGRAMMING LANGUAGE)...	19	LOGISTICS MANAGEMENT.....	11
LISTS.....	1	LONG DURATION EXPOSURE FACILIT	7
LITHIUM.....	2	LONG DURATION SPACE FLIGHT....	5
LITHIUM ALLOYS.....	1	LONG RANGE WEATHER FORECASTING	2
LITHOGRAPHY.....	3	LONG TERM EFFECTS.....	4
LITHOLOGY.....	1	LONG WAVE RADIATION.....	1
LOAD DISTRIBUTION (FORCES)....	5	LONGITUDE.....	1
LOAD TESTING MACHINES.....	2	LONGITUDINAL CONTROL.....	3
LOAD TESTS.....	11	LOOPS.....	5
LOADING.....	2	LORAN.....	1

SECONDARY KEYS

Key	No.	Key	No.
LOSSES.....	3	LUNAR BASES.....	2
LOSSLESS EQUIPMENT.....	1	LUNAR ENVIRONMENT.....	1
LOW ALTITUDE.....	4	LUNAR LANDING.....	2
LOW COST.....	19	LUNAR PHOTOGRAPHY.....	1
LOW FREQUENCIES.....	3	LUNAR PROGRAMS.....	1
LOW GRAVITY MANUFACTURING.....	4	LUNGS.....	1
LOW NOISE.....	4	LUSTER.....	1
LOW PASS FILTERS.....	2	LYMAN ALPHA RADIATION.....	2
LOW SPEED.....	2	M.....	1
LOW SPEED WIND TUNNELS.....	2	MACHINE ORIENTED LANGUAGES....	5
LOW TEMPERATURE.....	2	MACHINE TOOLS.....	71
LOW TEMPERATURE TESTS.....	1	MACHINE TRANSLATION.....	4
LOW VISIBILITY.....	1	MACHINE-INDEPENDENT PROGRAMS..	2
LOW VOLTAGE.....	1	MACHINERY.....	7
LOW VOLUME RAM JET ENGINES....	1	MACHINING.....	28
LOW WEIGHT.....	1	MAGMA.....	1
LOWER IONOSPHERE.....	1	MAGNESIUM COMPOUNDS.....	1
LUBRICANT TESTS.....	1	MAGNESIUM FLUORIDES.....	1
LUBRICANTS.....	3	MAGNETIC ANOMALIES.....	2
LUBRICATION.....	1	MAGNETIC BEARINGS.....	1
LUMINAIRES.....	5	MAGNETIC CIRCUITS.....	2
LUMINANCE.....	4	MAGNETIC COMPRESSION.....	1
LUMINESCENCE.....	2	MAGNETIC CONTROL.....	3
LUMINOSITY.....	4	MAGNETIC DISKS.....	18
LUMINOUS INTENSITY.....	11	MAGNETIC DISPERSION.....	2
LUMPED PARAMETER SYSTEMS.....	1	MAGNETIC EFFECTS.....	3

SECONDARY KEYS

Key	No.	Key	No.
MAGNETIC FIELD CONFIGURATIONS.	1	MAGNETS.....	3
MAGNETIC FIELDS.....	11	MAGNIFICATION.....	3
MAGNETIC FLUX.....	3	MAGNITUDE.....	2
MAGNETIC FORMING.....	1	MAINTAINABILITY.....	41
MAGNETIC INDUCTION.....	1	MAINTENANCE TRAINING.....	2
MAGNETIC MATERIALS.....	2	MALES.....	1
MAGNETIC MEASUREMENT.....	1	MALFUNCTIONS.....	8
MAGNETIC PERMEABILITY.....	2	MAMMALS.....	2
MAGNETIC PROPERTIES.....	2	MAN/ENVIRONMENT INTERACTIONS...	4
MAGNETIC RECORDING.....	5	MANAGEMENT.....	3
MAGNETIC SIGNATURES.....	2	MANAGEMENT ANALYSIS.....	8
MAGNETIC STORAGE.....	7	MANAGEMENT INFORMATION SYSTEMS	45
MAGNETIC SURVEYS.....	2	MANAGEMENT METHODS.....	36
MAGNETIC TAPES.....	15	MANAGEMENT PLANNING.....	42
MAGNETIC VARIATIONS.....	1	MANAGEMENT SYSTEMS.....	20
MAGNETOHYDRODYNAMIC FLOW.....	1	MANEUVERABILITY.....	5
MAGNETOHYDRODYNAMIC GENERATORS	2	MANEUVERABLE REENTRY BODIES...	1
MAGNETOHYDRODYNAMIC STABILITY.	1	MANIFOLDS.....	1
MAGNETOHYDRODYNAMIC WAVES.....	1	MANIFOLDS (MATHEMATICS).....	1
MAGNETOHYDRODYNAMICS.....	3	MANITOBA.....	1
MAGNETOMETERS.....	1	MANNED MANEUVERING UNITS.....	10
MAGNETOPLASMA DYNAMICS.....	1	MANNED ORBITAL LABORATORIES...	4
MAGNETOSPHERE.....	1	MANNED REENTRY.....	1
MAGNETOSPHERIC ION DENSITY.....	1	MANNED SPACE FLIGHT NETWORK...	1
MAGNETOSTATIC FIELDS.....	1	MANNED SPACECRAFT.....	9
MAGNETRONS.....	1	MANNED SPACEFLIGHT.....	12

SECONDARY KEYS

Key	No.	Key	No.
MANPOWER.....	6	MARS LANDING.....	1
MANUAL.....	1	MARS PHOTOGRAPHS.....	3
MANUAL CONTROL.....	18	MARS PROBES.....	1
MANUALS.....	6	MARS SURFACE.....	6
MAP MATCHING GUIDANCE.....	1	MARTINGALES.....	1
MAPPING.....	40	MASERS.....	1
MAPS.....	10	MASKING.....	3
MARINE BIOLOGY.....	1	MASKS.....	3
MARINE ENVIRONMENTS.....	1	MASS BALANCE.....	1
MARINE METEOROLOGY.....	2	MASS DISTRIBUTION.....	2
MARINE RESOURCES.....	1	MASS FLOW.....	1
MARINE TECHNOLOGY.....	13	MASS SPECTROMETERS.....	5
MARINE TRANSPORTATION.....	1	MASS SPECTROSCOPY.....	2
MARINER 9 SPACE PROBE.....	1	MASSTRANSFER.....	2
MARINER SPACECRAFT.....	1	MATCHED FILTERS.....	4
MARK 1 REENTRY BODY.....	1	MATCHING.....	6
MARK 11 REENTRY BODY.....	2	MATERIALBALANCE.....	1
MARKET RESEARCH.....	5	MATERIALS.....	5
MARKETING.....	12	MATERIALS HANDLING.....	42
MARKING.....	1	MATERIALS RECOVERY.....	1
MARKOV CHAINS.....	15	MATERIALS SCIENCE.....	10
MARKOV PROCESSES.....	31	MATERIALS TESTS.....	18
MARKOV PROCESSES SIGN OFF. P	1	MATHEMAT.....	1
MARS (PLANET).....	2	MATHEMATICAL LOGIC.....	21
MARS ATMOSPHERE.....	1	MATHEMATICAL MODELS.....	1
MARS ENVIRONMENT.....	2	MATHEMATICAL PROGRAMMING.....	9

SECONDARY KEYS

Key	No.	Key	No.
MATRICES (CIRCUITS).....	7	MELTING.....	2
MATRICES (MATHEMATICS).....	54	MELTING POINTS.....	1
MATRIX MANAGEMENT.....	1	MELTS (CRYSTAL GROWTH).....	2
MATRIX MATERIALS.....	3	MEMBRANE STRUCTURES.....	2
MATRIX METHODS.....	3	MEMORY.....	14
MATRIX THEORY.....	2	MEMORY (COMPUTERS).....	37
MAXIMUM ENTROPY METHOD.....	2	MENTAL PERFORMANCE.....	16
MAXIMUM LIKELIHOOD ESTIMATES..	25	MERCURY ARCS.....	1
MEAN.....	1	MERCURY CADMIUMTELLURIDES.....	2
MEASUREMENT.....	5	MERCURY PROJECT.....	1
MEASURING INSTRUMENTS.....	52	MERCURY VAPOR.....	1
MECHANICAL DEVICES.....	14	MERGINGROUTINES.....	1
MECHANICAL DRIVES.....	14	MESH.....	1
MECHANICAL ENGINEERING.....	23	MESONS.....	1
MECHANICAL MEASUREMENT.....	2	MESOSPHERE.....	1
MECHANICAL PROPERTIES.....	36	MESSAGE PROCESSING.....	27
MECHANICAL SHOCK.....	2	MESSAGES.....	2
MECHANICS (PHYSICS).....	1	METABOLISM.....	2
MECHANIZATION.....	24	METABOLITES.....	1
MECHANORECEPTORS.....	1	METAL COATINGS.....	2
MEDIA.....	2	METAL COMPOUNDS.....	1
MEDICAL ELECTRONICS.....	6	METAL CUTTING.....	12
MEDICAL EQUIPMENT.....	4	METAL DRAWING.....	1
MEDICAL SCIENCE.....	10	METAL FATIGUE.....	8
MEDICAL SERVICES.....	1	METAL FILMS.....	4
MEDICINE.....	1	METAL FINISHING.....	2

SECONDARY KEYS

Key	No.	Key	No.
METAL FOAMS.....	1	METEORIDS.....	1
METAL FOILS.....	1	METEOROLOGICAL BALLOONS.....	6
METAL GRINDING.....	1	METEOROLOGICAL CHARTS.....	1
METAL HALIDES.....	1	METEOROLOGICAL INSTRUMENTS....	1
METAL JOINTS.....	4	METEOROLOGICAL PARAMETERS.....	16
METAL MATRIX COMPOSITES.....	4	METEOROLOGICAL RADAR.....	8
METAL OXIDE SEMICONDUCTORS....	19	METEOROLOGICAL RESEARCH AIRCRA	1
METAL OXIDES.....	1	METEOROLOGY.....	7
METAL PLATES.....	10	METEROLOGY.....	19
METAL POWDER.....	2	METHANE.....	2
METAL SHEETS.....	8	METHOD OF MOMENTS.....	1
METAL SHELLS.....	1	METHODOLOGY.....	24
METAL SPRAYING.....	1	METRIC PHOTOGRAPHY.....	2
METAL SURFACES.....	1	METRIC SPACE.....	1
METAL WORKING.....	27	METRICATION.....	1
METAL-METAL BONDING.....	2	MICHELSON INTERFEROMETERS.....	1
METAL-NITRIDE-OXIDE-SEMICONDUCTOR	1	MICHIGAN.....	1
METAL-NITRIDE-OXIDE-SILICON...	2	MICROBALLOONS.....	1
METALLIZING.....	6	MICROBIOLOGY.....	4
METALLOGRAPHY.....	1	MICROCHANNEL PLATES.....	8
METALLURGY.....	8	MICROCHANNELS.....	2
METALS.....	10	MICROCRACKS.....	1
METEOR TRAILS.....	4	MICRODENSITOMETERS.....	5
METEORITES.....	1	MICROFILMS.....	6
METEOROID DUST CLOUDS.....	2	MICROMETERS.....	1
METEOROID SHOWERS.....	2	MICROMINIATURIZATION.....	3

SECONDARY KEYS

Key	No.	Key	No.
MICROMODULES.....	1	MICROWAVE SCATTERING.....	3
MICROORGANISMS.....	1	MICROWAVE SOUNDING.....	2
MICROPARTICLES.....	3	MICROWAVE TRANSMISSION.....	4
MICROPHONES.....	1	MICROWAVES.....	1
MICROPHOTOGRAPHS.....	2	MIGRATION.....	9
MICROPROCESSORS.....	2	MILITARY AIR FACILITIES.....	6
MICROPROGRAMMING.....	26	MILITARY AIRCRAFT.....	27
MICROSCOPES.....	3	MILITARY AVIATION.....	1
MICROSCOPY.....	2	MILITARY HELICOPTERS.....	6
MICROSEISMS.....	1	MILITARY OPERATIONS.....	42
MICROSTRIP TRANSMISSION LINES.	2	MILITARY PSYCHOLOGY.....	4
MICROSTRUCTURE.....	8	MILITARY SPACECRAFT.....	6
MICROWAVE AMPLIFIERS.....	5	MILITARY VEHICLES.....	2
MICROWAVE ANTENNAS.....	3	MILKY WAY GALAXY.....	1
MICROWAVE ATTENUATION.....	1	MILLIMETER WAVES.....	14
MICROWAVE CIRCUITS.....	17	MILLING (MACHINING).....	1
MICROWAVE COUPLING.....	4	MILLING MACHINES.....	1
MICROWAVE EMISSION.....	1	MINERAL DEPOSITS.....	1
MICROWAVE EQUIPMENT.....	18	MINERAL EXPLORATION.....	2
MICROWAVE IMAGERY.....	1	MINERALS.....	1
MICROWAVE LANDING SYSTEMS.....	1	MINES (EXCAVATIONS).....	2
MICROWAVE OSCILLATORS.....	5	MINIATURE ELECTRONIC EQUIPMENT	2
MICROWAVE PROBES.....	3	MINIATURIZATION.....	8
MICROWAVE RADIOMETERS.....	8	MINIMAX TECHNIQUE.....	3
MICROWAVE RESONANCE.....	1	MINING.....	4
MICROWAVE SCANNING BEAM LANDIN	1	MINNESOTA.....	1

SECONDARY KEYS

Key	No.	Key	No.
MINUTEMAN ICBM.....	6	MOBILE COMMUNICATION SYSTEMS..	1
MIRAGE AIRCRAFT.....	4	MOBILITY.....	8
MIRRORS.....	24	MODAL RESPONSE.....	3
MIS (SEMICONDUCTORS).....	1	MODELS.....	48
MISMATCH (ELECTRICAL).....	2	MODEMS.....	4
MISS DISTANCE.....	2	MODULARITY.....	13
MISSILE BODIES.....	2	MODULATION.....	6
MISSILE COMPONENTS.....	8	MODULATION TRANSFER FUNCTION..	14
MISSILE CONTROL.....	16	MODULES.....	26
MISSILE DEFENSE.....	1	MODULUS OF ELASTICITY.....	7
MISSILE DESIGN.....	3	MOIRE EFFECTS.....	2
MISSILE DETECTION.....	2	MOIRE FRINGES.....	5
MISSILE LAUNCHERS.....	9	MOISTURE.....	1
MISSILE RANGES.....	1	MOISTURE CONTENT.....	1
MISSILE SIGNATURES.....	1	MOLDING MATERIALS.....	3
MISSILE SYSTEMS.....	4	MOLDS.....	1
MISSILE TESTS.....	12	MOLECULAR BEAMS.....	2
MISSILE TRACKING.....	4	MOLECULAR BIOLOGY.....	1
MISSILE TRAJECTORIES.....	4	MOLECULAR DIFFUSION.....	1
MISSILES.....	8	MOLECULAR ELECTRONICS.....	2
MISSION PLANNING.....	23	MOLECULAR INTERACTIONS.....	1
MISSIONS.....	4	MOLECULAR SPECTROSCOPY.....	1
MIXING.....	1	MOLECULAR STRUCTURE.....	2
MIXING CIRCUITS.....	2	MOLECULES.....	1
MIXTURES.....	3	MOLTEN SALTS.....	1
MNEMONICS.....	2	MOLYBDENUM.....	2

SECONDARY KEYS

Key	No.	Key	No.
MOMENT DISTRIBUTION.....	1	MOTORS.....	3
MOMENTS.....	3	MOUNTING.....	8
MONEL (TRADEMARK).....	1	MOVING TARGET INDICATORS.....	7
MONITORS.....	34	MRCA AIRCRAFT.....	4
MONOCHROMATORS.....	3	MTBF.....	13
MONOIDS.....	1	MULTICHANNEL COMMUNICATION....	7
MONOMERS.....	1	MULTIMISSION MODULAR S/C.....	4
MONOPULSE RADAR.....	3	MULTIPATH TRANSMISSION.....	2
MONSOONS.....	1	MULTIPLE ACCESS.....	13
MONTE CARLO METHOD.....	10	MULTIPLE OUTPUT PROGRAMS.....	1
MONTMORILLONITE.....	1	MULTIPLEXING.....	18
MOON.....	3	MULTIPLICATION.....	7
MOORING.....	3	MULTIPLIERS.....	10
MORNING.....	1	MULTIPROCESSING.....	1
MORPHOLOGY.....	4	MULTIPROCESSING (COMPUTERS)...	2
MORTALITY.....	1	MULTIPROCESSING COMPUTERS.....	1
MOSAICS.....	7	MULTIPROGRAMMING.....	10
MOSCOW.....	1	MULTISENSOR APPLICATIONS.....	1
MOTION.....	2	MULTISPECTRAL BAND CAMERAS....	2
MOTION PERCEPTION.....	2	MULTISPECTRAL BAND SCANNERS...	10
MOTION PICTURES.....	7	MULTISPECTRAL PH.....	1
MOTION SICKNESS.....	2	MULTISPECTRAL PHOTOGRAPHY.....	7
MOTION SIMULATION.....	3	MULTISTAGE ROCKET VEHICLES....	1
MOTION STABILITY.....	1	MULTIVARIATE STATISTICAL ANALY	12
MOTIVATION.....	2	MUSCULAR STRENGTH.....	2
MOTOR VEHICLES.....	1	MUSCULOSKELETAL SYSTEM.....	1

SECONDARY KEYS

Key	No.	Key	No.
MX MISSILE.....	3	NAVIGATIONAIDS.....	14
MYLAR (TRADEMARK).....	1	NAVIGATORS.....	1
MYOCARDIAL INFARCTION.....	1	NAVSTAR SATELLITES.....	2
MYOCARDIUM.....	1	NAVY.....	26
MYOELECTRICITY.....	1	NEAR FIELDS.....	4
MYOPIA.....	1	NEAR INFRARED RADIATION.....	2
N-TYPE SEMICONDUCTORS.....	2	NEODYMIUM LASERS.....	5
NACELLES.....	1	NEON.....	1
NAMIBIA.....	1	NERVOUS SYSTEM.....	1
NAMING.....	1	NETHERLANDS.....	3
NAP-OF-THE-EARTH NAVIGATION...	1	NETWORK ANALYSIS.....	53
NARROWBAND.....	1	NETWORK CONTROL.....	31
NASA PROGRAMS.....	26	NETWORK CONTROL.....	1
NASTRAN.....	9	NETWORK SYNTHESIS.....	1
NATIONAL AIRSPACE SYSTEM.....	5	NETWORK SYNTHESIS.....	56
NATIONAL AVIATION SYSTEM.....	3	NETWORKS.....	5
NATIONAL OCEANIC SATELLITE SYS	1	NEURAL NETS.....	7
NATIONAL SEVERE STORMS PROJECT	1	NEUROLOGY.....	4
NATURAL GAS EXPLORATION.....	1	NEURONS.....	8
NATURAL LANGUAGE (COMPUTERS)..	17	NEUROPHYSIOLOGY.....	8
NATURAL SATELLITES.....	1	NEUROTRANSMITTERS.....	2
NAVIER-STOKES EQUATION.....	5	NEUROTROPISM.....	1
NAVIER-STOKES EQUATION.....	1	NEUTRAL GASES.....	1
NAVIGATION.....	9	NEUTRON ACTIVATION ANALYSIS...	1
NAVIGATION INSTRUMENTS.....	1	NEUTRON RADIOGRAPHY.....	1
NAVIGATION SATELLITES.....	4	NEUTRON SCATTERING.....	2

SECONDARY KEYS

Key	No.	Key	No.
NEUTRON SOURCES.....	1	NODES (STANDING WAVES).....	1
NEUTRON SPECTRA.....	1	NOISE.....	3
NEUTRONS.....	1	NOISE (SOUND).....	3
NEVADA.....	1	NOISE MEASUREMENT.....	6
NEW MEXICO.....	2	NOISE PREDICTION (A.....	1
NEW ZEALAND.....	1	NOISE REDUCTION.....	17
NEWTON-RAPHSON METHOD.....	3	NOISE SPECTRA.....	3
NICKEL.....	1	NOISE TEMPERATURE.....	1
NICKEL ALLOYS.....	4	NON-FLAMMABLE MATERIALS.....	1
NICKEL COATINGS.....	1	NONEQUILIBRIUM CONDITIONS.....	1
NIGHT FLIGHTS(AIRCRAFT).....	3	NONLINEAR EQUATIONS.....	6
NIGHT SKY.....	6	NONLINEAR FEEDBACK.....	3
NIGHT VISION.....	5	NONLINEAR FILTERS.....	4
NIKE-APACHE ROCKET VEHICLE....	1	NONLINEAR FILTERS.....	1
NIOBIUM.....	1	NONLINEAR OPTICS.....	4
NITINOL ALLOYS.....	2	NONLINEAR PROGRAMMING.....	3
NITRIC OXIDE.....	1	NONLINEAR SYSTEMS.....	24
NITRIDING.....	1	NONLINEAR SYSTEMS.....	1
NITROGEN.....	2	NONLINEARITY.....	8
NITROGEN OXIDES.....	1	NONPARAMETRIC STATISTICS.....	5
NITROGLYCERIN.....	1	NONPOINT SOURCES.....	1
NITROUS OXIDES.....	1	NONUNIFORM PLASMAS.....	1
NOAA 6 SATELLITE.....	1	NORMAL DENSITY FUNCTIONS.....	4
NOAA 7 SATELLITE.....	1	NORMALITY.....	2
NOAA SATELLITES.....	1	NORTH ATLANTIC TREATY ORGANIZA	1
NOCTILUCENT CLOUDS.....	1	NORTH SEA.....	1

SECONDARY KEYS

Key	No.	Key	No.
NORTHERN HEMISPHERE.....	1	NUCLEAR REACTORS.....	10
NOSE CONES.....	1	NUCLEATION.....	1
NOSE TIPS.....	1	NUCLEI.....	1
NOVA COMPUTERS.....	1	NUCLEI (NUCLEAR PHYSICS).....	1
NOVA LASER SYSTEM.....	4	NULL HYPOTHESIS.....	1
NOVA SATELLITES.....	1	NULL ZONES.....	1
NOZZLE DESIGN.....	3	NUMBER THEORY.....	13
NOZZLE GEOMETRY.....	1	NUMERICAL.....	1
NOZZLELESS ROCKET ENGINES.....	1	NUMERICAL ANALYSIS.....	35
NOZZLES.....	2	NUMERICAL CONTROL.....	1
NUCLEAR CHEMISTRY.....	1	NUMERICAL CONTROL.....	1
NUCLEAR DEVICES.....	1	NUMERICAL DIFFERENTIATION.....	1
NUCLEAR ELECTRIC POWER GENERAT	1	NUMERICAL INTEGRATION.....	5
NUCLEAR EMULSIONS.....	1	NUMERICAL STABILITY.....	2
NUCLEAR EXPLOSION EFFECT.....	2	NUMERICAL WEATHER FORECASTING.	4
NUCLEAR EXPLOSIONS.....	3	MUTATION.....	1
NUCLEAR FUEL ELEMENTS.....	1	MUTATION DAMPERS.....	1
NUCLEAR FUEL REPROCESSING.....	1	NUTS (FASTENERS).....	2
NUCLEAR FUELS.....	3	NYLON (TRADEMARK).....	2
NUCLEAR FUSION.....	1	NYQUIST DIAGRAM.....	2
NUCLEAR MAGNETIC RESONANCE....	1	NYQUIST FREQUENCIES.....	1
NUCLEAR PHYSICS.....	1	OAO.....	1
NUCLEAR POWER REACTORS.....	1	OBSERVABILITY (SYSTEMS).....	12
NUCLEAR POWERPLANTS.....	10	OBSERVATION.....	2
NUCLEAR RADIATION.....	5	OBSTACLE AVOIDANCE.....	1
NUCLEAR REACTOR CONTROL.....	1	OCCULTATION.....	2

SECONDARY KEYS

Key	No.	Key	No.
OCCUPATION.....	2	OPENINGS.....	2
OCCURRENCES.....	2	OPERATING COSTS.....	5
OCEAN BOTTOM.....	2	OPERATING SYSTEMS.....	1
OCEAN CURRENTS.....	3	OPERATING SYSTEMS(COMPUTERS)..	66
OCEAN DATA ACQUISITIONS SYSTEM	5	OPERATING TEMPERATURE.....	1
OCEAN DYNAMICS.....	2	OPERATIONAL AMPLIFIERS.....	2
OCEAN MODELS.....	3	OPERATIONAL CALCULUS.....	1
OCEAN SURFACE.....	8	OPERATIONAL PROBLEMS.....	9
OCEANOGRAPHIC PARAMETERS.....	4	OPERATIONS RESEARCH.....	9
OCEANOGRAPHY.....	10	OPERATOR PERFORMANCE.....	34
OCEANS.....	5	OPERATORS.....	1
OCULOMETERS.....	2	OPERATORS (MATHEMATICS).....	13
OCULOMOTOR NERVES.....	1	OPERATORS (PE.....	1
OFF-ON CONTROL.....	3	OPERATORS (PERSONNEL).....	18
OFFSHORE ENERGY SOURCES.....	1	OPHTHALMOLOGY.....	1
OFFSHORE PLATFORMS.....	2	OPTICAL.....	1
OH-58 HELICOPTER.....	1	OPTICAL ACTIVITY.....	1
OILEXPLORATION.....	1	OPTICAL BISTABILITY.....	6
OMEGA NAVIGATION SYSTEM.....	1	OPTICAL COMMUNICATION.....	20
ON-LINE.....	1	OPTICAL COMPUTER.....	1
ON-LINE PROGRAMMING.....	5	OPTICAL COMPUTERS.....	17
ON-LINE SYSTEMS.....	46	OPTICAL CORRECTION PROCEDURE..	7
ONBOARD DATA PROCESSING.....	24	OPTICAL COUNTERMEASURES.....	6
ONBOARD EQUIPMENT.....	21	OPTICAL COUPLING.....	3
OPACITY.....	3	OPTICAL DATA PROCESSING.....	31
OPEN CIRCUIT VOLTAGE.....	3	OPTICAL DATA PROCESSING.....	1

SECONDARY KEYS

Key	No.	Key	No.
OPTICAL DENSITY.....	1	ORBIT CALCULATION.....	4
OPTICAL DISKS.....	2	ORBIT TRANSFER VEHICLES.....	4
OPTICAL EQUIPMENT.....	43	ORBITAL ASSEMBLY.....	10
OPTICAL EQUIPMENT.....	1	ORBITAL ELEMENTS.....	2
OPTICAL HETERODYNING.....	2	ORBITAL LAUNCHING.....	2
OPTICAL MEASUREMENT.....	21	ORBITAL LIFETIME.....	1
OPTICAL MEASURING INSTRUMENT..	1	ORBITAL MANEUVERING VEHICLES..	4
OPTICAL MEASURING INSTRUMENTS.	31	ORBITAL MANEUVERS.....	2
OPTICAL MEMORY (DATA STORAGE).	4	ORBITAL MECHANICS.....	4
OPTICAL MICROSCOPES.....	2	ORBITAL POSITION ESTIMATION...	4
OPTICAL PATHS.....	6	ORBITAL RENDEZVOUS.....	3
OPTICAL POLARIZATION.....	1	ORBITAL SERVICING.....	17
OPTICAL PROPERTIES.....	36	ORBITAL SPACESTATIONS.....	17
OPTICAL PYROMETERS.....	1	ORBITAL WORKERS.....	3
OPTICAL RADAR.....	4	ORBITAL WORKSHOPS.....	23
OPTICAL RANGE FINDERS.....	2	ORBITS.....	6
OPTICAL REFLECTION.....	3	ORDER-DISORDER TRANSFORMATIONS	1
OPTICAL RELAY SYSTEMS.....	1	ORDNANCE.....	7
OPTICAL SCANNERS.....	18	OREGON.....	1
OPTICAL TRACKING.....	12	ORGANIC COMPOUNDS.....	1
OPTICAL TRANSFER FUNCTION.....	3	ORGANIC MATERIALS.....	3
OPTICAL WAVEGUIDES.....	14	ORGANIZATIONS.....	7
OPTICALFILTERS.....	10	ORIENTATION.....	4
OPTICS.....	5	ORION NEBULA.....	1
OPTIMAL CONTROL.....	37	ORTHOGONAL FUNCTIONS.....	1
OPTOMETRY.....	1	ORTHOGONALITY.....	3

SECONDARY KEYS

Key	No.	Key	No.
ORTHOPEDICS.....	1	OXYGEN PRODUCTION.....	1
ORTHOPHOTOGRAPHY.....	3	OXYGEN SUPPLY EQUIPMENT.....	1
OSCILLATIONS.....	7	OZONOMETRY.....	1
OSCILLATORS.....	6	P-3 AIRCRAFT.....	4
OSCILLOGRAPHS.....	1	P-N JUNCTIONS.....	4
OSCILLOSCOPES.....	6	P.A.C.M. TELEMETRY.....	1
OSS-1 PAYLOAD.....	3	PACIFIC OCEAN.....	2
OTOLITH ORGANS.....	1	PACKAGES.....	2
OTS (ESA).....	2	PACKAGING.....	7
OUTER SPACE TREATY.....	1	PACKET SWITCHING.....	18
OUTGASSING.....	1	PACKET TRANSMISSION.....	3
OUTLET FLOW.....	1	PACKETS (COMMUNICATION).....	5
OUTPUT.....	21	PACKING DENSITY.....	6
OUTPUT ROUTINES.....	42	PAINTS.....	4
OV-1 AIRCRAFT.....	1	PANEL METHOD (FLUID DYNAMICS).....	1
Ovens.....	1	PANELS.....	9
OVERPRESSURE.....	2	PANORAMIC CAMERAS.....	2
OVERVOLTAGE.....	1	PANORAMIC SCANNING.....	1
OXIDATION.....	4	PAPER (MATERIAL).....	1
OXIDE FILMS.....	1	PARABOLIC BODIES.....	1
OXIDES.....	3	PARACHUTE DESCENT.....	4
OXIDIZERS.....	2	PARACHUTE FABRICS.....	1
OXYGEN.....	5	PARACHUTES.....	10
OXYGEN ATOMS.....	2	PARALLAX.....	2
OXYGEN BREATHING.....	1	PARALLEL COMPUTERS.....	10
OXYGEN CONSUMPTION.....	1	PARALLEL PLATES.....	2

SECONDARY KEYS

Key	No.	Key	No.
PARALLEL PROCESSING COMPUTERS.	1	PASSIVITY.....	1
PARALLEL PROGRAMMING.....	14	PATENT APPLICATIONS.....	23
PARALYSIS.....	1	PATENTS.....	27
PARAMETER IDENTIFICATION.....	42	PATHOGENESIS.....	1
PARAMETERIZATION.....	17	PATHOLOGY.....	1
PARSING ALGORITHMS.....	5	PATHS.....	1
PARTIAL DIFFERENTIAL EQUATIONS	5	PATIENTS.....	3
PARTICLE ACCELERATOR TARGETS..	1	PATRIOT MISSILE.....	1
PARTICLE ACCELERATORS.....	6	PATROLS.....	2
PARTICLE BEAMS.....	2	PATTERN REGISTRATION.....	3
PARTICLE DENSITY CONCENTRATION	1	PATTERNS.....	1
PARTICLE INTERACTIONS.....	1	PAVEMENTS.....	1
PARTICLE MOTION.....	1	PAYLOAD ASSIST MODULE.....	3
PARTICLE PRODUCTION.....	1	PAYLOAD CONTROL.....	3
PARTICLE SIZE DISTRIBUTION....	10	PAYLOAD DELIVERY(STS).....	2
PARTICLE TRACKS.....	2	PAYLOAD DEPLOYMENT & RETRIEVAL	2
PARTICLE TRAJECTORIES.....	2	PAYLOAD INTEGRATION.....	1
PARTICLES.....	4	PAYLOAD INTEGRATION.....	1
PARTICULATE SAMPLING.....	4	PAYLOAD INTEGRATION PLAN.....	3
PARTITIONS (MATHEMATICS).....	6	PAYLOAD RETRIEVAL (STS).....	4
PASCAL (PROGRAMMING LANGUAGE).	15	PAYLOAD STATIONS.....	3
PASCAL PROGRAMMING.....	1	PAYLOAD TRANSFER.....	5
PASSAGEWAYS.....	1	PAYLOADS.....	18
PASSENGER AIRCRAFT.....	2	PCM TELEMETRY.....	3
PASSENGERS.....	3	PDP 10 COMPUTER.....	1
PASSIVE SATELLITES.....	1	PDP 11 COMPUTER.....	8

SECONDARY KEYS

Key	No.	Key	No.
PDP 8 COMPUTER.....	1	PERSONAL COMPUTERS.....	5
PDP COMPUTERS.....	4	PERSONALITY.....	1
PDP11.....	7	PERSONALITY TESTS.....	1
PEACETIME.....	2	PERSONNEL.....	18
PEELING.....	2	PERSONNEL DEVELOPMENT.....	8
PELLETS.....	2	PERSONNEL MANAGEMENT.....	8
PELTIER EFFECTS.....	1	PERSONNEL SELECTION.....	5
PENALTIES.....	1	PERTURBATION THEORY.....	4
PENDULUMS.....	1	PETN.....	1
PENETRANTS.....	1	PETRINETS.....	7
PENETRATION.....	3	PETROGRAPHY.....	2
PEPTIDES.....	1	PETROLEUM PRODUCTS.....	1
PERCEPTION.....	10	PH FACTOR.....	1
PERFORATED SHELLS.....	1	PHANTOM AIRCRAFT.....	1
PERFORM.....	1	PHARMACOLOGY.....	1
PERFORMANCE.....	8	PHASE CHANGE MATERIALS.....	1
PERFORMANCE PREDICTION.....	56	PHASE CONTROL.....	2
PERIODIC VARIATIONS.....	1	PHASE DETECTORS.....	4
PERIODICALS.....	2	PHASE DEVIATION.....	1
PERIPHERAL EQUIPMENT (COMPUTERS	13	PHASE ERROR.....	4
PERIPHERAL VISION.....	1	PHASE LOCK DEMODULATORS.....	1
PERISCOPES.....	2	PHASE LOCKED SYSTEMS.....	3
PERMEABILITY.....	2	PHASE MODULATION.....	3
PERMITTIVITY.....	3	PHASE SHIFT.....	11
PERMUTATIONS.....	5	PHASE TRANSFORMATIONS.....	3
PERSEID METEORIODS.....	2	PHASED ARRAYS.....	9

SECONDARY KEYS

Key	No.	Key	No.
PHASESHIFT CIRCUITS.....	1	PHOTOELECTRON SPECTROSCOPY....	1
PHENOLIC RESINS.....	1	PHOTOELECTRONS.....	1
PHENOLS.....	1	PHOTOGEOLOGY.....	2
PHILOSOPHY.....	2	PHOTOGONIOMETERS.....	1
PHOENIX (AZ).....	1	PHOTOGRAMMETRY.....	64
PHONEMES.....	1	PHOTOGRAPHIC EMULSIONS.....	6
PHOSPHORESCENCE.....	1	PHOTOGRAPHIC EQUIPMENT.....	15
PHOSPHORS.....	4	PHOTOGRAPHIC FILM.....	27
PHOSPHORUS.....	1	PHOTOGRAPHIC MEASUREMENT.....	9
PHOTO INTERPRETATION.....	41	PHOTOGRAPHIC PLATES.....	7
PHOTO RECEPTORS.....	1	PHOTOGRAPHIC PROCESSING.....	6
PHOTO RECONNAISSANCE.....	15	PHOTOGRAPHIC PROCESSING EQUIPM	3
PHOTO RECONNAISSANCE SPACECRAF	1	PHOTOGRAPHIC RECORDING.....	12
PHOTO TRANSISTORS.....	2	PHOTOGRAPHIC TRACKING.....	6
PHOTOABSORPTION.....	1	PHOTOGRAPHS.....	6
PHOTOACOUSTIC SPECTROSCOPY....	1	PHOTOGRAPHY.....	14
PHOTOCATHODES.....	7	PHOTOLITHOGRAPHY.....	1
PHOTOCONDUCTIVITY.....	2	PHOTOMAPPING.....	32
PHOTOCONDUCTORS.....	4	PHOTOMAPS.....	1
PHOTODIODES.....	15	PHOTOMASKS.....	4
PHOTOELASTIC ANALYSIS.....	7	PHOTOMETERS.....	20
PHOTOELASTICITY.....	2	PHOTOMETRY.....	13
PHOTOELECTRIC CELLS.....	2	PHOTOMICROGRAPHY.....	7
PHOTOELECTRIC EFFECT.....	2	PHOTOMULTIPLIER TUBES.....	10
PHOTOELECTRIC EMISSION.....	4	PHOTON BEAMS.....	1
PHOTOELECTRICITY.....	1	PHOTONICS.....	8

SECONDARY KEYS

Key	No.	Key	No.
PHOTONS.....	8	PILOT SELECTION.....	2
PHOTOSENSITIVITY.....	7	PILOT TRAINING.....	10
PHOTOSPHERE.....	1	PILOTS (PERSONNEL).....	8
PHOTOTHERMAL CONVERSION.....	1	PINHOLE CAMERAS.....	1
PHOTOTUBES.....	1	PINS.....	10
PHOTOVOLTAIC CELLS.....	9	PIPE FLOW.....	1
PHOTOVOLTAIC CONVERSION.....	8	PIPELINES.....	1
PHOTOVOLTAIC EFFECT.....	3	PIPELINING(COMPUTERS).....	53
PHYSICAL EXERCISE.....	3	PIPER AIRCRAFT.....	1
PHYSICAL OPTICS.....	1	PIPES (TUBES).....	16
PHYSICAL PROPERTIES.....	3	PISTONS.....	4
PHYSICAL WORK.....	1	PITCH (INCLINATION).....	3
PHYSICS.....	2	PITTING.....	1
PHYSIOCHEMISTRY.....	1	PIVOTS.....	1
PHYSIOLOGICAL DEFENSES.....	1	PL.....	2
PHYSIOLOGICAL EFFECTS.....	8	PLAINS.....	1
PHYSIOLOGICAL FAC.....	1	PLANAR STRUCTURES.....	5
PHYSIOLOGICAL RESPONSES.....	3	PLANE STRAIN.....	2
PHYSIOLOGICAL TESTS.....	2	PLANE WAVES.....	1
PHYSIOLOGY.....	4	PLANETARY EVOLUTION.....	1
PICOSECOND PULSES.....	2	PLANETARY GEOLOGY.....	1
PICTURE TUBES.....	2	PLANETARY MAPPING.....	4
PIEZOELECTRIC TRANSDUCERS.....	4	PLANETARY NEBULAE.....	1
PILOT ERROR.....	1	PLANETARY SURFACES.....	3
PILOT PERFORMANCE.....	13	PLANETOLOGY.....	1
PILOT PLANTS.....	8	PLANETS.....	5

SECONDARY KEYS

Key	No.	Key	No.
PLANING.....	1	PLASTIC DEFORMATION.....	5
PLANNING.....	27	PLASTIC PROPERTIES.....	3
PLANS.....	1	PLASTICS.....	3
PLANT DESIGN.....	7	PLATE THEORY.....	1
PLANT STRESS.....	1	PLATES.....	2
PLASMA ARC CUTTING.....	1	PLATES (STRUCTURAL MEMBERS)...	1
PLASMA ARC WELDING.....	3	PLATFORMS.....	3
PLASMA DIAGNOSTICS.....	7	PLATING.....	2
PLASMA DYNAMICS.....	1	PLAYBACKS.....	1
PLASMA ETCHING.....	1	PLOTTERS.....	22
PLASMA FREQUENCIES.....	1	PLOTTING.....	8
PLASMA INTERACTIONS.....	1	PLUGGING.....	1
PLASMA PHYSICS.....	4	PLUGS.....	2
PLASMA PROBES.....	2	PLUMES.....	2
PLASMA PROPULSION.....	1	PLUNGERS.....	1
PLASMA SHEATHS.....	1	PLUTONIUM.....	1
PLASMA SPECTRA.....	1	PLY ORIENTATION.....	1
PLASMA SPRAYING.....	3	PNEUMATIC EQUIPMENT.....	5
PLASMA TURBULENCE.....	1	PODS (EXTERNAL STORES).....	1
PLASMA WAVES.....	3	POINCARÉ PROBLEM.....	1
PLASMAS (PHYSICS).....	4	POINT IMPACT.....	1
PLASMASPHERE.....	1	POINT SOURCES.....	3
PLASMATRONS.....	1	POINT SPREAD FUNCTIONS.....	4
PLASMONS.....	1	POINT TO POINT COMMUNICATION..	2
PLASTIC AIRCRAFT STRUCTURES...	1	POINTING CONTROL SYSTEMS.....	4
PLASTIC COATINGS.....	1	POINTS.....	2

SECONDARY KEYS

Key	No.	Key	No.
POINTS (MATHEMATICS).....	3	POLYGONS.....	2
POISSON DENSITY FUNCTIONS.....	6	POLYHEDRONS.....	1
POISSON EQUATION.....	1	POLYIMIDE RESINS.....	1
POLAND.....	4	POLYIMIDES.....	1
POLAND	1	POLYMER CHEMISTRY.....	3
POLARIMETERS.....	2	POLYMER MATRIX COMPOSITES.....	2
POLARIMETRY.....	2	POLYMER PHYSICS.....	1
POLARIZATION.....	1	POLYMERICFILMS.....	2
POLARIZATION.....	1	POLYMERIZATION.....	3
POLARIZATION (WAVES).....	3	POLYMERS.....	6
POLARIZATION CHARACTERISTICS..	1	POLYMETHYLMETHACRYLATE.....	1
POLARIZED LIGHT.....	2	POLYNOMIALS.....	14
POLARIZED RADIATION.....	1	POLYNOMIALS.....	1
POLES.....	1	POLYPROPYLENE.....	2
POLICIES.....	20	POLYURETHANE RESINS.....	1
POLISHING.....	3	POLYVINYL CHLORIDE.....	2
POLITICS.....	1	POPULATION THEORY.....	4
POLLUTION CONTROL.....	3	POPULATIONS.....	1
POLLUTION MONITORING.....	7	POROSITY.....	5
POLLUTION TRANSPORT.....	1	POROUS MATERIALS.....	1
POLYAMIDE RESINS.....	1	PORTABLE EQUIPMENT.....	26
POLYATOMIC MOLECULES.....	1	PORTABLE LIFE SUPPORT SYSTEMS.	2
POLYCARBONATES.....	1	PORTS (OPENINGS).....	1
POLYCRYSTALS.....	1	POSITION (LOCATION).....	22
POLYESTER RESINS.....	1	POSITION ERRORS.....	9
POLYETHYLENES.....	1	POSITION INDICATORS.....	9

SECONDARY KEYS

Key	No.	Key	No.
POSITION SENSING.....	1	PRECIPITATION (METEOROLOGY)...	1
POSITIONING.....	15	PRECISION.....	8
POSITIONING DEVICES MACHINERY.	1	PRECISION GUIDED PROJECTILES..	2
POSITIVEIONS.....	1	PRECONDITIONING.....	1
POSITRONS.....	4	PREDICTION ANALYSIS TECHNIQUES	28
POST FLIGHT ANALYSIS.....	3	PREDICTIONS.....	8
POSTMISSION ANALYSIS (SPACECRA	1	PREFLIGHT ANALYSIS.....	2
POSTURE.....	1	PREFLIGHT OPERATIONS.....	2
POTASSIUM.....	1	PREFORMS.....	1
POTASSIUM OXIDES.....	1	PRELAUNCH TESTS.....	3
POTENTIAL THEORY.....	1	PREMIXED FLAMES.....	1
POTENTIOMETERS (INSTRUMENTS)..	1	PREPARATION.....	1
POTTING COMPOUNDS.....	1	PREPREGS.....	3
POWDER (PARTICLES).....	3	PREPROCESSING.....	6
POWDER METALLURGY.....	7	PRESERVING.....	1
POWER.....	1	PRESSES.....	3
POWER AMPLIFIERS.....	2	PRESSING (FORMING).....	2
POWER CONDITIONING.....	10	PRESSURE.....	2
POWER EFFICIENCY.....	1	PRESSURE BREATHING.....	1
POWER GAIN.....	4	PRESSURE DISTRIBUTION.....	3
POWER LINES.....	3	PRESSURE EFFECTS.....	2
POWER SPECTRA.....	3	PRESSURE MEASUREMENT.....	11
POWER SUPPLIES.....	7	PRESSURE PULSES.....	1
POWER SUPPLY CIRCUITS.....	3	PRESSURE REDUCTION.....	3
POWER TRANSMISSION.....	2	PRESSURE REGULATORS.....	2
PREAMPLIFIERS.....	4	PRESSURE SENSORS.....	9

SECONDARY KEYS

Key	No.	Key	No.
PRESSURE SUITS.....	4	PROCUREMENT MANAGEMENT.....	7
PRESSURE VESSEL DESIGN.....	1	PROCUREMENT POLICY.....	2
PRESSURE VESSELS.....	3	PRODUCT DEVELOPMENT.....	69
PRESSURE WELDING.....	2	PRODUCTION.....	12
PRESSURIZED CABINS.....	2	PRODUCTION COSTS.....	13
PRESSURIZED WATER REACTORS....	1	PRODUCTION ENGINEERING.....	1
PRESSURIZING.....	1	PRODUCTION MANAGEMENT.....	16
PRESTRESSING.....	1	PRODUCTION PLANNING.....	11
PRINCIPAL COMPONENTS ANALYSIS.	1	PRODUCTIVITY.....	58
PRINTED CIRCUITS.....	45	PROFILE METHOD(FORECASTING)...	1
PRINTERS (DATAPROCESSING)....	5	PROFILES.....	2
PRINTING.....	3	PROFILOMETERS.....	2
PRINTOUTS.....	1	PROGRAM VERIFICATION.....	1
PRIORITIES.....	2	PROGRAMMED INSTRUCTION.....	1
PRISMS.....	7	PROGRAMMERS.....	5
PRIVACY.....	10	PROGRAMMING.....	1
PROBABILITY DENSITY FUNCTIONS.	15	PROGRAMMING (SCHEDULING).....	1
PROBABILITY DISTRIBUTION FUNCT	19	PROGRAMMING LANGUAGES:.....	1
PROBABILITY THEORY.....	52	PROGRESS.....	1
PROBES.....	1	PROJECT MANAGEMENT.....	20
PROBLEM SOLVING.....	64	PROJECT PLANNING.....	12
PROCEDURES.....	14	PROJECTILES.....	2
PROCESS CONTROL (INDUSTRY)....	46	PROJECTION.....	2
PROCESS HEAT.....	2	PROJECTIVE GEOMETRY.....	3
PROCESSING.....	2	PROJECTORS.....	2
PROCUREMENT.....	6	PROJECTS.....	1

SECONDARY KEYS

Key	No.	Key	No.
PROPAGATION MODES.....	4	PROTOPLANETS.....	1
PROPAGATION VELOCITY.....	1	PROTOTYPES.....	30
PROPELLANT ACTUATED DEVICES...	1	PROVING.....	26
PROPELLANT GRAINS.....	2	PSEUDO RANDOM SEQUENCES.....	2
PROPELLANT TANKS.....	1	PSYCHOACOUSTICS.....	1
PROPELLANT TRANSFER.....	1	PSYCHOLINGUISTICS.....	2
PROPELLANTS.....	2	PSYCHOLOGICAL FACTORS.....	18
PROPELLER BLADES.....	1	PSYCHOLOGICAL TESTS.....	6
PROPELLERS.....	1	PSYCHOLOGY.....	10
PROPORTIONAL COUNTERS.....	7	PSYCHOMETRICS.....	3
PROPRIOCEPTION.....	1	PSYCHOMOTOR PERFORMANCE.....	3
PROPULSION.....	1	PSYCHOPHYSICS.....	3
PROPULSION SYSTEM CONFIGURATIO	5	PSYCHOPHYSIOLOGY.....	9
PROPULSION SYSTEM PERFORMANCE.	9	PSYCHOSES.....	1
PROSTHETIC DEVICES.....	1	PUBLIC HEALTH.....	3
PROTECTION.....	5	PUBLIC LAW.....	1
PROTECTIVE CLOTHING.....	3	PULSE AMPLITUDE.....	4
PROTECTIVE COATINGS.....	7	PULSE AMPLITUDE MODULATION....	1
PROTECTORS.....	1	PULSE CODE MODULATION.....	1
PROTEIN METABOLISM.....	1	PULSE COMMUNICATION.....	13
PROTEINS.....	2	PULSE COMMUNICATION.....	1
PROTEINS.....	1	PULSE DOPPLER RADAR.....	4
PROTOBIOLOGY.....	1	PULSE DURATION.....	5
PROTOCOL (COMPUTERS).....	16	PULSE DURATION MODULATION.....	2
PROTON BEAMS.....	1	PULSE GENERATORS.....	1
PROTONS.....	2	PULSE MODULATION.....	2

SECONDARY KEYS

Key	No.	Key	No.
PULSE RATE.....	4	QUALITATIVE ANALYSIS.....	2
PULSE REPETITION RATE.....	1	QUALITY.....	12
PULSE TIME MODULATION.....	1	QUALITY CONTROL BROWSE 2.....	1
PULSED LASERS.....	13	QUANTILES.....	1
PULSED RADIATION.....	1	QUANTITATIVE ANALYSIS.....	4
PULSES.....	5	QUANTUM AMPLIFIERS.....	1
PUMPS.....	1	QUANTUM COUNTERS.....	2
PUMPS.....	1	QUANTUM EFFICIENCY.....	12
PUNCHED CARDS.....	2	QUANTUM ELECTRODYNAMICS.....	1
PUPILS.....	1	QUANTUM ELECTRONICS.....	2
PURGING.....	1	QUANTUM MECHANICS.....	3
PURITY.....	1	QUANTUM STATISTICS.....	1
PUSHBROOM SENSOR MODES.....	1	QUARTZ CRYSTALS.....	2
PUSHING.....	1	QUASARS.....	7
PYLON MOUNTING.....	1	QUENCHING (COOLING).....	1
PYLONS.....	2	QUERY LANGUAGES.....	5
PYRAMIDS.....	1	QUEUEING THEORY.....	43
PYROELECTRICITY.....	5	RACKS (FRAMES).....	14
PYROHELIOMETERS.....	1	RADAR.....	4
PYROLYSIS.....	2	RADAR ABSORBERS.....	1
PYROMETERS.....	2	RADAR ANTENNAS.....	6
PYROTECHNICS.....	4	RADAR BEACONS.....	2
Q FACTORS.....	3	RADAR BEAMS.....	2
QUADRATURES.....	3	RADAR CROSS SECTIONS.....	3
QUADRUPOLES.....	1	RADAR DATA.....	1
QUALIFICATIONS.....	7	RADAR DETECTION.....	7

SECONDARY KEYS

Key	No.	Key	No.
RADAR EQUIPMENT.....	14	RADIATION HARDENING.....	9
RADAR IMAGERY.....	10	RADIATION HAZARDS.....	5
RADAR MAPS.....	2	RADIATION MEASUREMENT.....	6
RADAR MEASUREMENT.....	7	RADIATION MEASURING INSTRUMENT	8
RADAR NAVIGATION.....	2	RADIATION PRESSURE.....	1
RADAR PHOTOGRAPHY.....	2	RADIATION PROTECTION.....	5
RADAR RANGE.....	3	RADIATION SHIELDING.....	4
RADAR RECEIVERS.....	8	RADIATION SOURCES.....	3
RADAR RESOLUTION.....	1	RADIATION TRANSPORT.....	1
RADAR SCANNING.....	4	RADIATIVE HEAT.....	1
RADAR SCATTERING.....	1	RADIATORS.....	1
RADAR SIGNATURES.....	1	RADII.....	1
RADAR TARGETS.....	2	RADIO ANTENNAS.....	2
RADAR TRACKING.....	16	RADIO ASTRONOMY.....	2
RADAR TRANSMITTERS.....	4	RADIO ATTENUATION.....	4
RADARECHOES.....	2	RADIO BEACONS.....	2
RADIAL VELOCITY.....	1	RADIO COMMUNICATION.....	3
RADIANT FLUX DENSITY.....	7	RADIO CONTROL.....	2
RADIATION.....	1	RADIO ELECTRONICS.....	4
RADIATION ABSORPTION.....	2	RADIO EMISSION.....	2
RADIATION COUNTERS.....	4	RADIO EQUIPMENT.....	14
RADIATION DAMAGE.....	2	RADIO FREQUENCIES.....	7
RADIATION DETECTORS.....	16	RADIO FREQUENCY INTERFERENCE..	1
RADIATION DISTRIBUTION.....	5	RADIO METEORS.....	1
RADIATION DOSAGE.....	2	RADIO NAVIGATION.....	2
RADIATION EFFECTS.....	9	RADIO PROBING.....	5

SECONDARY KEYS

Key	No.	Key	No.
RADIO RECEIVERS.....	7	RAINSTORMS.....	1
RADIO RECEPTION.....	3	RAM JET ENGINES.....	2
RADIO RELAY SYSTEMS.....	4	RAMAN SPECTRA.....	1
RADIO SIGNALS.....	2	RAMAN SPECTROSCOPY.....	3
RADIO SOURCES (ASTRONOMY).....	1	RAMPS (STRUCTURES).....	1
RADIO STARS.....	1	RANDOM ACCESS.....	3
RADIO TELEMETRY.....	1	RANDOM ACCESS MEMORY.....	24
RADIO TELESCOPES.....	1	RANDOM ERRORS.....	4
RADIO TRACKING.....	1	RANDOM LOADS.....	1
RADIO TRANSMISSION.....	5	RANDOM NOISE.....	3
RADIO TRANSMITTERS.....	1	RANDOM NUMBERS.....	1
RADIOACTIVE WASTES.....	37	RANDOM PROCESSES.....	6
RADIOACTIVEISOTOPES.....	1	RANDOM SAMPLING.....	3
RADIOBIOLOGY.....	2	RANDOM SIGNALS.....	3
RADIOGRAPHY.....	18	RANDOM VARIABLES.....	12
RADIOLOGY.....	3	RANDOM VIBRATION.....	7
RADIOMETERS.....	17	RANGE (EXTREMES).....	5
RADIOMETRIC CORRECTION.....	3	RANGE AND RANGE RATE TRACKING.	2
RADIOTELEPHONES.....	2	RANGE ERRORS.....	1
RADOME MATERIALS.....	1	RANGE FINDERS.....	2
RADOMES.....	2	RANGE FINDING.....	8
RADON.....	1	RANK TESTS.....	3
RAIL TRANSPORTATION.....	7	RANKING.....	6
RAILS.....	1	RAPID EYE MOVEMENT STATE.....	2
RAIN.....	1	RAPID TRANSIT SYSTEMS.....	2
RAIN EROSION.....	1	RATES (PER TIME).....	10

SECONDARY KEYS

Key	No.	Key	No.
RATINGS.....	1	RECIRCULATIVE FLUID FLOW.....	1
RATIONAL FUNCTIONS.....	3	RECOGNITION.....	3
RATIOS.....	2	RECOMBINATION COEFFICIENT.....	1
RAY TRACING.....	2	RECOMMENDATIONS.....	10
RAYLEIGH SCATTERING.....	1	RECONNAISSANCE.....	2
RAYLEIGH-RITZ METHOD.....	1	RECONNAISSANCE AIRCRAFT.....	7
RC CIRCUITS.....	1	RECONNAISSANCE SPACECRAFT.....	1
REACTION KINETICS.....	3	RECORDING.....	4
REACTION TIME.....	3	RECORDING INSTRUMENTS.....	5
REACTOR CORES.....	2	RECORDS.....	1
REACTOR DESIGN.....	1	RECOVERABILITY.....	1
REACTOR MATERIALS.....	1	RECOVERY.....	1
REACTOR PHYSICS.....	1	RECOVERY PARACHUTES.....	1
REACTOR SAFETY.....	4	RECOVERY VEHICLES.....	1
REACTOR SAFETY.....	1	RECRYSTALLIZATION.....	1
REACTOR TECHNOLOGY.....	1	RECTANGLES.....	1
READ-ONLY MEMORY DEVICES.....	19	RECTANGULAR PLANFORMS.....	1
READERS.....	4	RECTIFIERS.....	4
READING.....	3	RECURSIVE FUNCTIONS.....	11
READOUT.....	6	RED SHIFT.....	2
REAL TIME OPERAT.....	1	REDUCED GRAVITY.....	7
RECEIVERS.....	8	REDUNDANCY.....	29
RECEPTION DIVERSITY.....	2	REDUNDANCY ENCODING.....	4
RECEPTORS (PHYSIOLOGY).....	3	REDUNDANT COMPONENTS.....	12
RECIPROCAL THEOREMS.....	1	REENTRY.....	1
RECIPROCATION.....	1	REENTRY EFFECTS.....	6

SECONDARY KEYS

Key	No.	Key	No.
REENTRY SHIELDING.....	2	RELAXATION (PHYSIOLOGY).....	1
REENTRY TRAJECTORIES.....	1	RELAXATION METHOD(MATHEMATICS)	2
REENTRY TRAJECTORIES.....	1	RELEASING.....	11
REENTRY VEHICLES.....	13	RELIABILITY.....	76
REFERENCE STARS.....	2	RELIABILITY.....	1
REFLECTANCE.....	5	RELIABILITY BR 2.....	1
REFLECTING TELESCOPES.....	2	RELIEF MAPS.....	1
REFLECTOMETERS.....	3	REMOTE CONSOLES.....	13
REFLECTORS.....	3	REMOTE CONTROL.....	40
REFLEXES.....	1	REMOTE HANDLING.....	16
REFRACTED WAVES.....	1	REMOTE MANIPULATOR SYSTEM.....	17
REFRACTION.....	1	REMOTE SEN.....	1
REFRACTIVITY.....	8	REMOTE SENSING.....	61
REFRACTORY MATERIALS.....	2	REMOTE SENSING.....	1
REFRACTORY METALS.....	2	REMOTE SENSORS.....	34
REFUE.....	1	REMOTE SENSORS.....	1
REFUELING.....	3	REMOTELY PILOTED VEHICLES.....	10
REGENERATIVE FUEL CELLS.....	1	REPEATERS.....	4
REGIONS.....	2	REPETITION.....	1
REGISTERS.....	1	REPLACING.....	6
REGISTERS (COMPUTERS).....	10	REPLICAS.....	1
REGRESSION ANALYSIS.....	17	REPORTS.....	9
REGULATIONS.....	14	REPRESENTATIONS.....	5
REGULATORS.....	2	REPRODUCTION (BIOLOGY).....	1
REINFORCED PLASTICS.....	2	REPRODUCTION (COPYING).....	3
REINFORCEMENT (STRUCTURES)....	1	REPUBLIC OF SOUTH AFRICA.....	2

SECONDARY KEYS

Key	No.	Key	No.
REQUIREMENTS.....	39	RESPONSE TIME (COMPUTERS).....	47
RESCUE OPERATIONS.....	3	RESPONSES.....	3
RESEARCH.....	16	RETARDING.....	1
RESEARCH AIRCRAFT.....	3	RETENTION (PSYCHOLOGY).....	2
RESEARCH AND DEVELOPMENT.....	69	RETINA.....	3
RESEARCH FACILITIES.....	10	RETINAL IMAGES.....	1
RESEARCH MANAGEMENT.....	25	RETRAINING.....	1
RESEARCH PROJECTS.....	10	RETRO FITTING.....	4
RESIDENTIAL ENERGY.....	1	RETURN BEAM VIDICONS.....	2
RESIDUAL GAS.....	1	REUSABLE LAUNCH VEHICLES.....	1
RESIDUAL STRESS.....	3	REUSABLE ROCKET ENGINES.....	1
RESIDUES.....	6	REVERSE OSMOSIS.....	1
RESILIENCE.....	2	REVIEWING.....	1
RESIN BONDING.....	1	REVISIONS.....	8
RESIN MATRIX COMPOSITES.....	2	REYNOLDS NUMBER.....	1
RESISTORS.....	5	RF-4 AIRCRAFT.....	2
RESOLUTION.....	13	RHEUMATIC DISEASES.....	1
RESONANCE.....	1	RHYTHM (BIOLOGY).....	2
RESONANCE SCATTERING.....	1	RIBONUCLEIC ACIDS.....	1
RESONANCE TESTING.....	2	RIDING QUALITY.....	1
RESONANT FREQUENCIES.....	6	RIEMANN MANIFOLD.....	1
RESONANT VIBRATION.....	1	RIGID STRUCTURES.....	7
RESONATORS.....	3	RING STRUCTURES.....	7
RESOURCE ALLOCATION.....	8	RISERS.....	1
RESOURCES.....	1	RISK.....	17
RESOURCES MANAGEMENT.....	13	RIVERS.....	2

SECONDARY KEYS

Key	No.	Key	No.
RIVETING.....	1	ROLL.....	2
ROASTING.....	1	ROLL FORMING.....	1
ROBOTICS.....	1	ROLLERS.....	2
ROBOTS.....	1	ROOFS.....	2
ROBUSTNESS.....	1	ROOMS.....	1
ROBUSTNESS (MATHEMATICS).....	17	ROOT-MEAN-SQUARE ERRORS.....	5
ROBUSTNESS (MATHEMATICS).....	1	ROOTS OF EQUATIONS.....	3
ROCK MECHANICS.....	1	ROSAT MISSION.....	3
ROCKET ENGINE CASES.....	1	ROTARY ENGINES.....	2
ROCKET ENGINE DESIGN.....	3	ROTARY STABILITY.....	1
ROCKET ENGINES.....	10	ROTARY WING AIRCRAFT.....	1
ROCKET EXHAUST.....	2	ROTARY WINGS.....	5
ROCKET LAUNCHERS.....	4	ROTATING BODIES.....	3
ROCKET LAUNCHING.....	4	ROTATING ELECTRICAL MACHINES..	1
ROCKET NOZZLES.....	3	ROTATING SHAFTS.....	1
ROCKET OXIDIZERS.....	1	ROTATION.....	4
ROCKET PROPELLANTS.....	2	ROTOR B.....	1
ROCKET SOUNDING.....	4	ROTOR BLADES.....	1
ROCKET TEST FACILITIES.....	1	ROTOR BLADES(TURBOMACHINERY)..	1
ROCKET THRUST.....	1	ROTORS.....	3
ROCKET VEHICLES.....	1	ROUTES.....	6
ROCKET-BORNE INSTRUMENTS.....	3	ROUTES.....	1
ROCKET-BORNE PHOTOGRAPHY.....	1	RUBBER.....	1
ROCKS.....	5	RUBY.....	1
ROCKWELL HARDNESS.....	1	RUBY LASERS.....	2
RODS.....	6	RUDDERS.....	1

SECONDARY KEYS

Key	No.	Key	No.
RUGGEDNESS.....	2	SARSAT.....	2
RULES.....	2	SATELLITE ANTENNAS.....	1
RUN TIME (COMPUTERS).....	79	SATELLITE ATTITUDE CONTROL....	5
RUNNING.....	1	SATELLITE CONFIGURATIONS.....	1
RUNWAY CONDITIONS.....	2	SATELLITE CONTROL.....	3
RUNWAY LIGHTS.....	1	SATELLITE DESIGN.....	8
RUNWAYS.....	4	SATELLITE DOPPLER POSITIONING.	2
RURAL AREAS.....	2	SATELLITE IMAGERY.....	18
S MATRIX THEORY.....	1	SATELLITE INSTRUMENTS.....	1
S WAVES.....	1	SATELLITE LIFETIME.....	2
S(LANGUAGE).....	1	SATELLITE NAVIGATION SYSTEMS..	1
SACCADIC EYE MOVEMENTS.....	1	SATELLITE NETWORKS.....	14
SAFETY.....	29	SATELLITE OBSERVATION.....	8
SAFETY DEVICES.....	8	SATELLITE ORBITS.....	6
SAFETY FACTORS.....	14	SATELLITE ORIENTATION.....	2
SAFETY MANAGEMENT.....	4	SATELLITE POWER TRA.....	1
SAILS.....	1	SATELLITE POWER TRANSMISSION..	1
SALT BEDS.....	4	SATELLITE ROTATION.....	1
SALYUT SPACE STATION.....	12	SATELLITE SOLAR POWER STATIONS	3
SAMOS.....	1	SATELLITE SOUNDING.....	2
SAMPLERS.....	2	SATELLITE TELEVISION.....	3
SAMPLES.....	5	SATELLITE TEMPERATURE.....	1
SAMPLING.....	15	SATELLITE TRACKING.....	10
SANDS.....	2	SATELLITE TRANSMISSION.....	8
SANDWICH STRUCTURES.....	4	SATELLITE-BORNE.....	1
SAPPHIRE.....	2	SATELLITE-BORNE INSTRUMENTS...	50

SECONDARY KEYS

Key	No.	Key	No.
SATELLITE-BORNE INSTRUMENTS...	1	SCHROEDINGER EQUATION.....	2
SATELLITE-TO-SATELLITE TRACKIN	1	SCIENCE.....	3
SATELLITES.....	5	SCIENTIFIC SATELLITES.....	2
SATURATION.....	1	SCIENTISTS.....	1
SATURN (PLANET).....	1	SCINTILLATION.....	5
SAUDI ARABIA.....	1	SCINTILLATION COUNTERS.....	7
SCALARS.....	5	SCORE SATELLITE.....	1
SCALE (RATIO).....	3	SCORING.....	3
SCALE MODELS.....	4	SCOUT LAUNCH VEHICLE.....	1
SCALERS.....	7	SCRAMBLING (COMMUNICATION)....	2
SCALING.....	2	SCRAP.....	1
SCALING LAWS.....	3	SCREEN EFFECT.....	1
SCANNERS.....	15	SCREENING.....	1
SCARFING.....	1	SCREW DISLOCATIONS.....	1
SCATTERING.....	1	SCREWS.....	2
SCATTERING AMPLITUDE.....	1	SCRUBBERS.....	3
SCATTERING COEFFICIENTS.....	1	SEA BREEZE.....	1
SCATTERING FUNCTIONS.....	2	SEA ICE.....	2
SCATTEROMETERS.....	1	SEA LAUNCHING.....	1
SCENE ANALYSIS.....	24	SEA LEVEL.....	1
SCHEDULES.....	2	SEA STATES.....	1
SCHEDULING.....	39	SEA WATER.....	3
SCHLIEREN PHOTOGRAPHY.....	1	SEALING.....	5
SCHMIDT TELESCOPES.....	3	SEALS (STOPPERS).....	1
SCHOOLS.....	2	SEAMS (JOINTS).....	2
SCHOTTKY DIODES.....	10	SEARCH PROFILES.....	6

SECONDARY KEYS

Key	No.	Key	No.
SEARCH RADAR.....	3	SELF MANEUVERING UNITS.....	4
SEARCHING.....	12	SELF ORGANIZING SYSTEMS.....	3
SEASAT 1.....	1	SELF REPAIRING DEVICES.....	5
SEASAT SATELLITES.....	1	SEMANTICS.....	38
SEASONS.....	1	SEMICIRCULAR CANALS.....	1
SEAT BELTS.....	1	SEMICONDUCTING FILMS.....	2
SEATS.....	3	SEMICONDUCTOR DEVICES.....	36
SECONDARY EMISSION.....	2	SEMICONDUCTOR JUNCTIONS.....	2
SECONDARY FLOW.....	1	SEMICONDUCTOR LASERS.....	2
SECONDARY RADAR.....	3	SEMICONDUCTORS (MATERIALS)....	13
SECURITY.....	9	SENSE ORGANS.....	1
SEDIMENTS.....	2	SENSITIVITY.....	30
SEEPAGE.....	1	SENSITOMETRY.....	1
SEGMENTS.....	4	SENSORIMOTOR PERFORMANCE.....	7
SEISMIC ENERGY.....	2	SENSORS.....	24
SEISMIC WAVES.....	2	SENSORY DISCRIMINATION.....	1
SEISMOLOGY.....	2	SENSORY FEEDBACK.....	6
SEL COMPUTERS.....	3	SENSORY PERCEPTION.....	2
SELECTION.....	11	SENSORY STIMULATION.....	1
SELECTIVE DISSEMINATION OF INF	11	SENTENCES.....	1
SELF ADAPTIVE CONTROL SYSTEMS.	13	SEPAC (PAYLOAD).....	1
SELF ADAPTIVE CONTROL SYSTEMS	1	SEPARATED FLOW.....	1
SELF ALIGNMENT.....	9	SEPARATION.....	4
SELF ERECTING DEVICES.....	2	SEQUENCING.....	5
SELF EXCITATION.....	1	SEQUENTIAL ANALYSIS.....	5
SELF FOCUSING.....	2	SEQUENTIAL COMPUTERS.....	12

SECONDARY KEYS

Key	No.	Key	No.
SEQUENTIAL COMPUTERS.....	1	SHELLS (STRUCTURALFORMS).....	1
SEQUENTIAL CONTROL.....	7	SHELTERS.....	1
SERIES (MATHEMATICS).....	2	SHIELDING.....	6
SERIES EXPANSION.....	1	SHIFT REGISTERS.....	13
SERVICE LIFE.....	29	SHIP HULLS.....	2
SERVICE MODULES.....	1	SHIP TERMINALS.....	1
SERVICES.....	5	SHIPS.....	14
SERVO MECHANISMS.....	36	SHIVA LASER SYSTEM.....	1
SERVOCONTROL.....	16	SHOCK.....	1
SERVOMOTORS.....	3	SHOCK ABSORBERS.....	1
SET THEORY.....	28	SHOCK LOADS.....	1
SEX FACTOR.....	1	SHOCK TESTS.....	1
SHADOWGRAPH PHOTOGRAPHY.....	2	SHOCK WAVE INTERACTION.....	1
SHADOWS.....	1	SHOCK WAVES.....	1
SHAFTS.....	1	SHOES.....	1
SHAFTS (MACHINE ELEMENTS).....	4	SHOPS.....	2
SHALLOW SHELLS.....	1	SHORELINES.....	1
SHAPE CONTROL.....	2	SHORT CIRCUIT CURRENTS.....	1
SHAPE MEMORY ALLOYS.....	1	SHORT CIRCUITS.....	2
SHAPES.....	17	SHORT TAKEOFF AIRCRAFT.....	4
SHEAR PROPERTIES.....	4	SHORT WAVE RADIATION.....	3
SHEAR STRAIN.....	1	SHORTHAUL AIRCRAFT.....	1
SHEAR STRESS.....	1	SHROUDS.....	1
SHEARING.....	2	SHUTDOWNS.....	1
SHEDDING.....	2	SHUTTERS.....	1
SHELL STABILITY.....	2	SHUTTLE DERIVED VEHICLES.....	1

SECONDARY KEYS

Key	No.	Key	No.
SHUTTLE IMAGING RADAR.....	1	SIGNALS.....	3
SHUTTLE PALLET SATELLITES.....	2	SIGNALTRANSMISSION.....	11
SIBERIA.....	1	SIGNATURE ANALYSIS.....	8
SIDE-LOOKING RADAR.....	4	SIGNATURES.....	5
SIDEBANDS.....	1	SIGNS AND SYMPTOMS.....	1
SIDELobe REDUCTION.....	1	SILICA GLASS.....	1
SIDELOBES.....	1	SILICIDES.....	2
SIDEWINDER MISSILES.....	2	SILICON.....	20
SIEVES.....	2	SILICON DIOXIDE.....	6
SIGNAL ANALYSIS.....	15	SILICON JUNCTIONS.....	5
SIGNAL ANALYZERS.....	16	SILICON RA.....	1
SIGNAL DETECTION.....	8	SILICON RADIATION DETECTORS...	4
SIGNAL DETECTORS.....	7	SILICONES.....	1
SIGNAL DISTORTION.....	5	SILOXANES.....	1
SIGNAL ENCODING.....	14	SILVER.....	2
SIGNAL FADING.....	1	SILVER IODIDES.....	1
SIGNAL FLOW GRAPHS.....	5	SILVER ZINC BATTERIES.....	1
SIGNAL GENERATORS.....	9	SIMPLEX METHOD.....	1
SIGNAL MEASUREMENT.....	18	SIMPLIFICATION.....	2
SIGNAL MIXING.....	3	SIMULATION.....	29
SIGNAL PROCESSING.....	1	SIMULATION.....	1
SIGNAL RECEPTION.....	4	SIMULATORS.....	5
SIGNAL REFLECTION.....	3	SIMULTANEOUS EQUATIONS.....	1
SIGNAL TO NOISE RATIOS.....	36	SINE SERIES.....	1
SIGNAL TO NOISE RATIOS.....	1	SINE WAVES.....	3
SIGNAL TO NOISE RATIOSBROWSE 2	1	SINGLE CHANNEL PER CARRIER TRA	3

SECONDARY KEYS

Key	No.	Key	No.
SINGLE CRYSTALS.....	3	SMITH CHART.....	1
SINGLE EVENT UPSETS.....	1	SMOKE.....	4
SINTERING.....	1	SMOOTHING.....	1
SITE DATA PROCESSORS.....	2	SOCIAL FACTORS.....	13
SITE SELECTION.....	8	SOCIOLOGY.....	1
SITES.....	2	SODIUM.....	2
SITTING POSITION.....	1	SODIUM CHLORIDES.....	1
SIZE (DIMENSIONS).....	3	SODIUM IODIDES.....	1
SIZE DETERMINATION.....	7	SOFTWARE ENGINEER.....	1
SKIDDING.....	2	SOFTWARE ENGINEERING.....	70
SKIN (STRUCTURAL MEMBER).....	1	SOFTWARE TOOLS.....	66
SKIN GRAFTS.....	1	SOFTWARE TOOLS.....	1
SKIN RESISTANCE.....	1	SOIL MAPPING.....	2
SKY RADIATION.....	2	SOIL MECHANICS.....	1
SKYLAB 1.....	1	SOIL MOISTURE.....	1
SKYLAB 4.....	1	SOIL SCIENCE.....	1
SKYLAB PROGRAM.....	8	SOILS.....	4
SLEEP.....	5	SOLAR ACTIVITY.....	3
SLEEVES.....	2	SOLAR ARRAYS.....	19
SLIDES (MICROSCOPY).....	1	SOLAR ATMOSPHERE.....	1
SLIDING.....	2	SOLAR CELLS.....	23
SLIDING CONTACT.....	1	SOLAR COLLECTORS.....	5
SLIDING FRICTION.....	1	SOLAR CONSTANT.....	1
SLOT ANTENNAS.....	1	SOLAR CORONA.....	2
SLURRIES.....	2	SOLAR ENERGY.....	3
SMELTING.....	1	SOLAR ENERGY ABSORBERS.....	1

SECONDARY KEYS

Key	No.	Key	No.
SOLAR ENERGY CONVERSION.....	4	SOLID STATE DEVICES.....	30
SOLAR FLARES.....	3	SOLID SURFACES.....	2
SOLAR GENERATORS.....	2	SOLID WASTES.....	1
SOLAR INSTRUMENTS.....	3	SOLID-SOLID INTERFACES.....	1
SOLAR MAGNETIC FIELD.....	3	SOLIDIFICATION.....	3
SOLAR MAXIMUM MISSION.....	9	SOLIDS.....	7
SOLAR MESOSPHERE EXPLORER.....	2	SOLITARY WAVES.....	1
SOLAR OBSERVATORIES.....	1	SOLUBILITY.....	1
SOLAR OPTICAL TELESCOPE.....	1	SOLUTIONS.....	1
SOLAR OSCILLATIONS.....	1	SONAR.....	4
SOLAR PHYSICS.....	1	SONDES.....	1
SOLAR POWER SATELLITES.....	4	SONIC ANEMOMETERS.....	1
SOLAR RADIATION.....	3	SORPTION.....	1
SOLAR SIMULATION.....	1	SORTIE SYSTEMS.....	1
SOLAR SIMULATORS.....	2	SOS (SEMICONDUCTORS).....	5
SOLAR SPECTRA.....	1	SOUND FIELDS.....	2
SOLAR SYSTEM.....	4	SOUND PRESSURE.....	1
SOLAR WIND.....	2	SOUND TRANSMISSION.....	1
SOLDERED JOINTS.....	3	SOUND WAVES.....	3
SOLDERING.....	10	SOUNDING ROCKETS.....	6
SOLDERS.....	1	SOURCE PROGRAMS.....	3
SOLENOIDS.....	3	SOURCES.....	1
SOLID ELECTROLYTES.....	3	SOUTHERN CALIFORNIA.....	2
SOLID PROPELLANT COMBUSTION...	2	SOVIET SPACECRAFT.....	4
SOLID PROPELLANT ROCKET ENGINE	6	SOYBEANS.....	1
SOLID STATE.....	1	SOYUZ SPACECRAFT.....	8

SECONDARY KEYS

Key	No.	Key	No.
SP.....	1	SPACE PLATFORMS.....	11
SPACE.....	1	SPACE POWER REACTORS.....	2
SPACE COLONIES.....	3	SPACE PROBES.....	3
SPACE COMMERCIALIZATION.....	3	SPACE PROCESSING.....	9
SPACE COOLING (BUILDINGS).....	2	SPACE PROGRAMS.....	2
SPACE DEBRIS.....	2	SPACE RENDEZVOUS.....	5
SPACE ENVIRONMENT SIMULATION..	12	SPACE SHUTTLE.....	1
SPACE ERECTABLE ST.....	1	SPACE SHUTTLE BOOSTERS.....	2
SPACE ERECTABLE STRUCTURE.....	1	SPACE SHUTTLE MAIN ENGINE.....	2
SPACE ERECTABLE STRUCTURES.....	7	SPACE SHUTTLE MISSIONS.....	47
SPACE EXPLORATION.....	15	SPACE SHUTTLE ORBITERS.....	31
SPACE FLIGHT FEEDING.....	1	SPACE SHUTTLES.....	37
SPACE FLIGHT STRESS.....	2	SPACE SIMULATORS.....	4
SPACE FLIGHT TRACKING AND DATA	1	SPACE STATIONS.....	36
SPACE HEATING (BUILDINGS).....	2	SPACE STORAGE.....	1
SPACE INDUSTRIALIZATION.....	10	SPACE SUITS.....	11
SPACE LABORATORIES.....	4	SPACE SURVEILLANCE GROUNDBASE.	5
SPACE LAW.....	2	SPACE SURVEILLANCE(SPACEBORNE)	2
SPACE MAINTENANCE.....	16	SPACE TOOLS.....	5
SPACE MANUFACTURING.....	40	SPACE TRANSPORTATION.....	2
SPACE MISSIONS.....	19	SPACE TRANSPORTATION SYSTEM...	19
SPACE NAVIGATION.....	5	SPACE TRANSPORTATION SYSTEM 4.	23
SPACE OBSERVATIONS FROM EARTH.	3	SPACE-TIME FUNCTIONS.....	6
SPACE ORIENTATION.....	2	SPACEBORNE EXPERIMENTS.....	30
SPACE PERCEPTION.....	11	SPACEBORNE PHOTOGRAPHY.....	31
SPACE PLASMAS.....	6	SPACEBORNE PHOTOGRAPHY.....	1

SECONDARY KEYS

Key	No.	Key	No.
SPACEBORNE TELESCOPE.....	1	SPACECRAFT MODULES.....	2
SPACECRAFT.....	4	SPACECRAFT MOTION.....	3
SPACECRAFT ANTENNAS.....	1	SPACECRAFT PERFORMANCE.....	3
SPACECRAFT CABINATMOSPHERES...	1	SPACECRAFT POWER.....	1
SPACECRAFT CABINS.....	4	SPACECRAFT POWER SUPPLIES.....	9
SPACECRAFT CHARGING.....	3	SPACECRAFT PROPULSION.....	4
SPACECRAFT CO.....	1	SPACECRAFT RADIATORS.....	4
SPACECRAFT COMMUNICATION.....	20	SPACECRAFT RECOVERY.....	1
SPACECRAFT COMPONENTS.....	8	SPACECRAFT REENTRY.....	3
SPACECRAFT CONFIGURATIONS.....	3	SPACECRAFT RELIABILITY.....	5
SPACECRAFT CONSTRUCTION MATERI	5	SPACECRAFT SHIELDING.....	2
SPACECRAFT CONTROL.....	12	SPACECRAFT STRUCTURES.....	5
SPACECRAFT DEFENSE.....	1	SPACECRAFT SURVIVABILITY.....	1
SPACECRAFT DESIGN.....	17	SPACECRAFT TELEVISION.....	15
SPACECRAFT DOCKING.....	11	SPACECRAFT TRACKING.....	3
SPACECRAFT ELECTRONIC EQUIPMEN	7	SPACECRAFT TRAJECTORIES.....	1
SPACECRAFT ENVIRONMENTS.....	14	SPACECREWS.....	8
SPACECRAFT EQUIPMENT.....	3	SPACEFLIGHT.....	5
SPACECRAFT GUIDANCE.....	3	SPACELAB.....	7
SPACECRAFT INSTRUMENTS.....	8	SPACELAB PAYLOADS.....	13
SPACECRAFT LANDING.....	2	SPACESHUTTLE MISSION 31-A.....	11
SPACECRAFT LAUNCHING.....	9	SPACETUGS.....	2
SPACECRAFT LUBRICATION.....	1	SPACEVEHICLE CHECKOUT PROGRAM.	4
SPACECRAFT MAINTENANCE.....	1	SPACING.....	1
SPACECRAFT MANEUVERS.....	5	SPARE PARTS.....	4
SPACECRAFT MODELS.....	2	SPARK CHAMBERS.....	1

SECONDARY KEYS

Key	No.	Key	No.
SPARK IGNITION.....	1	SPECTROPHOTOMETERS.....	5
SPATIAL DEPENDENCIES.....	3	SPECTROPHOTOMETRY.....	5
SPATIAL DISTRIBUTION.....	11	SPECTRORADIOMETERS.....	3
SPATIAL FILTERING.....	11	SPECTRORADIOMETERS.....	1
SPATIAL RESOLUTION.....	33	SPECTROSCOPIC ANALYSIS.....	2
SPECIFIC HEAT.....	1	SPECTROSCOPIC TELESCOPES.....	1
SPECIFICATIONS.....	67	SPECTROSCOPY.....	2
SPECIFICATIONS.....	1	SPECTRUM ANALYSIS.....	30
SPECIFICATIONS BROWSE 2.....	1	SPECULAR REFLECTION.....	4
SPECIMEN GEOMETRY.....	5	SPEECH.....	7
SPECKLE PATTERNS.....	16	SPEECH RECOGNITION.....	13
SPECTRA.....	4	SPEED CONTROL.....	3
SPECTRAL BANDS.....	3	SPEED INDICATORS.....	1
SPECTRAL CORRELATION.....	2	SPENT FUELS.....	10
SPECTRAL EMISSION.....	1	SPHERES.....	1
SPECTRAL ENERGY DISTRIBUTION..	5	SPHERICAL COORDINATES.....	3
SPECTRAL LINE WIDTH.....	2	SPHERICAL SHELLS.....	2
SPECTRAL RECONNAISSANCE.....	1	SPIN.....	1
SPECTRAL REFLECTANCE.....	2	SPIN REDUCTION.....	1
SPECTRAL RESOLUTION.....	7	SPIN STABILIZATION.....	2
SPECTRAL SENSITIVITY.....	5	SPINAL CORD.....	1
SPECTRAL SIGNATURES.....	6	SPINDLES.....	1
SPECTROGRAMS.....	1	SPLICING.....	6
SPECTROGRAPHS.....	15	SPLINE FUNCTIONS.....	3
SPECTROHELIOGRAPHS.....	1	SPORADIC METEORIDS.....	1
SPECTROMETERS.....	16	SPOT (FRENCH SATELLITE).....	3

SECONDARY KEYS

Key	No.	Key	No.
SPRAY CHARACTERISTICS.....	3	STANDARDS.....	1
SPRAYED COATINGS.....	2	STANDING WAVE RATIOS.....	5
SPRAYERS.....	1	STAR CLUSTERS.....	1
SPREAD S.....	1	STAR DISTRIBUTION.....	1
SPREAD SPECTRUM TRANSMISSION..	3	STAR TRACKERS.....	4
SPREADING.....	2	STATE ESTIMATION.....	1
SPRINGS (ELASTIC).....	6	STATE VECTORS.....	6
SPUTNIK 1 SATELLITE.....	1	STATIC ELECTRICITY.....	1
SPUTTERING.....	2	STATIC FIRING.....	1
SPUTTERING GAGES.....	1	STATIC FRICTION.....	1
STABILITY.....	5	STATIC INVERTERS.....	1
STABILITY TESTS.....	1	STATIC LOADS.....	1
STABILIZATION.....	3	STATIC PRESSURE.....	1
STABILIZED PLATFORMS.....	3	STATIC STABILITY.....	2
STABILIZERS (AGENTS).....	2	STATIC TESTS.....	7
STABILIZERS (FLUID DYNAMICS)..	2	STATIONS.....	1
STABLE OSCILLATIONS.....	1	STATISTICAL ANALYSIS.....	60
STACKS.....	1	STATISTICAL ANALYSIS BROWSE 2.	1
STAGE SEPARATION.....	2	STATISTICAL CORRELATION.....	2
STAGNATION POINT.....	1	STATISTICAL DECISION THEORY...	5
STAINING.....	1	STATISTICAL DISTRIBUTIONS.....	11
STAINLESS STEELS.....	9	STATISTICAL DISTRIBUTIONS PLEA	1
STAMPING.....	1	STATISTICAL MECHANICS.....	1
STANDARD DEVIATION.....	1	STATISTICAL TESTS.....	13
STANDARDIZATION.....	32	STATISTICAL WEATHER FORECASTIN	3
STANDARDS.....	59	STATISTICS.....	3

SECONDARY KEYS

Key	No.	Key	No.
STATORS.....	1	STEREOTELEVISION.....	1
STEADY STATE.....	6	STIFFNESS.....	2
STEAM.....	1	STIFFNESS MATRIX.....	1
STEAM TURBINES.....	2	STIMULI.....	1
STEEL STRUCTURES.....	4	STO.....	1
STEELS.....	13	STOCHASTIC PROCESSES.....	51
STEEPEST DESCENT METHOD.....	2	STOL AIRCRAFT.....	1
STEERING.....	1	STOPPING.....	2
STELLAR ATMOSPHERES.....	2	STORAGE.....	4
STELLAR COLOR.....	3	STORAGE STABILITY.....	5
STELLAR COMPOSITION.....	1	STORAGE TANKS.....	2
STELLAR EVOLUTION.....	1	STORAGERINGS (PARTICLE ACCELER	3
STELLAR LUMINOSITY.....	5	STOWAGE(ONBOARD EQUIPMENT)....	1
STELLAR MAGNITUDE.....	3	STRAIN GAGES.....	5
STELLAR MOTIONS.....	1	STRAIN HARDENING.....	1
STELLAR OCCULTATION.....	2	STRAIN MEASUREMENT.....	4
STELLAR PARALLAX.....	1	STRAIN RATE.....	1
STELLAR SPECTRA.....	7	STRANGE ATTRACTORS.....	2
STELLAR SPECTROPHOTOMETRY.....	3	STRAPDOWN INERTIAL GUIDANCE...	2
STELLAR STRUCTURE.....	2	STRAPS.....	1
STELLAR TEMPERATURE.....	3	STRATEGY.....	10
STEPPING MOTORS.....	3	STRATIFICATION.....	3
STEPS.....	1	STRATIGRAPHY.....	1
STEREO PHOTOGRAPHY.....	20	STRATOSPHERE.....	1
STEREOSCOPIC VISION.....	6	STREAK CAMERAS.....	2
STEREOSCOPY.....	6	STREAK PHOTOGRAPHY.....	5

SECONDARY KEYS

Key	No.	Key	No.
STREAM FUNCTIONS (FLUIDS).....	1	STRUCTURAL DESIGN.....	38
STREAMLINED BODIES.....	1	STRUCTURAL DESIGN CRITERIA....	17
STREAMS.....	1	STRUCTURAL ENGINEERING.....	10
STRENGTH.....	1	STRUCTURAL FAILURE.....	2
STRESS (PHYSIOLOGY).....	2	STRUCTURAL INFLUENCE COEFFICIE	1
STRESS (PSYCHOLOGY).....	2	STRUCTURAL MEMBERS.....	10
STRESS ANALYSIS.....	19	STRUCTURAL PROPERTIES (GEOLOGY	1
STRESS CONCENTRATION.....	8	STRUCTURAL RELIABILITY.....	3
STRESS CORROSION CRACKING.....	2	STRUCTURAL STRAIN.....	6
STRESS CYCLES.....	2	STRUCTURAL VIBRATION.....	11
STRESS INTENSITY FACTORS.....	5	STRUCTURAL WEIGHT.....	1
STRESS MEASUREMENT.....	11	STRUCTURES.....	1
STRESS PHYSI.....	1	STRUTS.....	6
STRESS RATIO.....	2	STUDENTS.....	8
STRESS RELAXATION.....	1	STYRENES.....	1
STRESS WAVES.....	1	SUBMARINE CABLES.....	1
STRESS-STRAIN RELATIONSHIPS...	7	SUBMARINES.....	5
STRESSES.....	7	SUBMERGED BODIES.....	6
STRIP.....	1	SUBMILLIMETER WAVES.....	3
STRIP TRANSMISSION LINES.....	8	SUBROUTINE LIBRARIES (COMPUTER	6
STROBOSCOPES.....	4	SUBROUTINES.....	18
STRUCTURAL.....	1	SUBSONIC FLOW.....	1
STRUCTURAL ANALYSIS.....	36	SUBSTRATES.....	14
STRUCTURAL ANALYSIS BROWSE 2..	1	SUGAR CANE.....	1
STRUCTURAL BASINS.....	1	SULFIDES.....	1
STRUCTURAL DE.....	1	SULFUR.....	1

SECONDARY KEYS

Key	No.	Key	No.
SULFUR FLUORIDES.....	1	SURFACE GEOMETRY.....	8
SUMMER.....	2	SURFACE LAYERS.....	1
SUN.....	2	SURFACE NAVIGATION.....	1
SUNLIGHT.....	2	SURFACE PROPERTIES.....	16
SUNSPOTS.....	1	SURFACE ROUGHNESS.....	1
SUP.....	1	SURFACE ROUGHNESS EFFECTS.....	2
SUPER HIGH FREQUENCIES.....	6	SURFACE TEMPERATURE.....	7
SUPERCOMPUTERS.....	50	SURFACE TO AIR MISSILES.....	6
SUPERCONDUCTING MAGNETS.....	1	SURFACE TO SURFACE MISSILE....	2
SUPERCONDUCTORS.....	3	SURFACE VEHICLES.....	2
SUPERCOOLING.....	1	SURFACE WAVES.....	1
SUPERHETERODYNE RECEIVERS.....	1	SURFACES.....	2
SUPERNOVA.....	2	SURGES.....	4
SUPERNOVA REMNANTS.....	1	SURVEILLANCE.....	9
SUPERPOSITION (MATHEMATICS)...	1	SURVEILLANCE.....	1
SUPERSONIC COMBUSTION RAMJETEN	2	SURVEILLANCE RADAR.....	5
SUPERSONIC FLIGHT.....	1	SURVEYS.....	15
SUPPORT SYSTEMS.....	15	SURVIVAL.....	6
SUPPORTS.....	14	SUSPENDING (HANGING).....	1
SUPPRESSORS.....	3	SUSPENSION SYSTEMS (VEHICLES).	3
SURFACE ACOUSTIC WAVE DEVICES.	2	SUSTAINING.....	1
SURFACE CRACKS.....	2	SWEDEN.....	4
SURFACE DEFECTS.....	6	SWEEP CIRCUITS.....	1
SURFACE DISTORTION.....	1	SWEEP FREQUENCY.....	1
SURFACE EFFECT SHIPS.....	1	SWIRLING.....	1
SURFACE FINISHING.....	11	SWITCH.....	1

SECONDARY KEYS

Key	No.	Key	No.
SWITCHES.....	6	SYSTEM FAILURES.....	43
SWITCHING.....	13	SYSTEM FAILURES SORRY.....	1
SWITCHING CIRCUITS.....	32	SYSTEM IDENTIFICATION.....	9
SWITCHING THEORY.....	6	SYSTEMS.....	5
SWITZERLAND.....	1	SYSTEMS ANALYSIS.....	1
SWIVELS.....	1	SYSTEMS COMPATIBILITY.....	16
SYMBOLIC PROGRAMMING.....	1	SYSTEMS ENGINEERING.....	1
SYMBOLS.....	7	SYSTEMS ENGINEERING RECON IS G	1
SYNAPSES.....	1	SYSTEMS MANAGEMENT.....	36
SYNCHROCYCLOTRONS.....	1	SYSTEMS SIMULATION.....	53
SYNCHRONISM.....	18	SYSTEMS SIMULATION.....	1
SYNCHRONIZERS.....	2	SYSTEMS SIMULATION.....	1
SYNCHRONOUS MOTORS.....	1	SYSTEMS STABILITY.....	14
SYNCHRONOUS SATELLITES.....	7	T.....	1
SYNCHROPHASOTRONS.....	1	T-2 AIRCRAFT.....	1
SYNCHROTRON RADIATION.....	2	T-37 AIRCRAFT.....	1
SYNCHROTRONS.....	1	T-38 AIRCRAFT.....	1
SYNCOM 4 SATELLITE.....	1	TABLES(DATA).....	21
SYNOPTIC METEOROLOGY.....	2	TABULATION PROCESSES.....	1
SYNTAX.....	30	TACAN.....	2
SYNTAX END SEQUENCE EXECUTION.	1	TACHISTOSCOPES.....	1
SYNTHANE.....	1	TACTICS.....	5
SYNTHESIS.....	1	TACTILE DISCRIMINATION.....	6
SYNTHESIS (CHEMISTRY).....	3	TAIWAN.....	1
SYNTHETIC APERTURE RADAR.....	7	TAKEOFF.....	8
SYS.....	1	TANKER AIRCRAFT.....	2

SECONDARY KEYS

Key	No.	Key	No.
TANKS (COMBAT VEHICLES).....	6	TELECONFERENCING.....	1
TANTALUM ALLOYS.....	1	TELEGRAPH SYSTEMS.....	3
TAPE RECORDERS.....	9	TELEMETRY.....	19
TAPES.....	1	TELEOPERATORS.....	20
TARGET ACQUISITION.....	26	TELEPHONE SBR 2.....	1
TARGET DRONE AIRCRAFT.....	1	TELEPHONES.....	7
TARGET MASKING.....	1	TELEPHONY.....	6
TARGET RECOGNITION.....	22	TELESCOPES.....	14
TARGETS.....	15	TELETYPEWRITER SYSTEMS.....	1
TASK COMPLEXITY.....	28	TELEVISION CAM.....	1
TASKS.....	10	TELEVISION CAMERASMINS:.....	1
TAXIING.....	5	TELEVISION EQUIPMENT.....	10
TAXONOMY.....	4	TELEVISION RECEIVERS.....	4
TAYLOR INSTABILITY.....	2	TELEVISION RECEPTION.....	2
TDR SATELLITES.....	6	TELEVISION SY.....	1
TE.....	1	TELEVISION SYSTEMS.....	32
TEACHING MACHINES.....	6	TELEVISION TRANSMISSION.....	11
TEAMS.....	1	TEMPERATURE.....	6
TECHNICAL WRITING.....	2	TEMPERATURE CONTROL.....	21
TECHNOLOGICAL FORECASTING.....	66	TEMPERATURE DEPENDENCE.....	2
TECHNOLOGIES.....	12	TEMPERATURE DISTRIBUTION.....	9
TECHNOLOGY FEASIBILITY SPACECR	1	TEMPERATURE EFFECTS.....	13
TECHNOLOGY TRANSFER.....	64	TEMPERATURE GRADIENTS.....	6
TECHNOLOGY TRANSFER BR 2.....	1	TEMPERATURE MEASUREMENT.....	11
TELECOMMUNICATION.....	61	TEMPERATURE MEASURING INSTRUME	3
TELECONFERENCING.....	6	TEMPERATURE PROFILES.....	1

SECONDARY KEYS

Key	No.	Key	No.
TEMPERATURE SENSORS.....	5	TEST FIRING.....	2
TEMPLATES.....	2	TEST PATTERN G.....	1
TEMPORAL DISTRIBUTION.....	2	TEST PATTERN GENERATORS.....	25
TEMPORAL RESOLUTION.....	5	TEST RANGES.....	2
TENNESSEE BROWSE 2.....	1	TEST STANDS.....	5
TENNESSEE VALLEY (AL-KY-TN)...	1	TEST VEHICLES.....	3
TENSILE PROPERTIES.....	1	TESTING TIME.....	38
TENSILE STRENGTH.....	4	TESTS.....	6
TENSILE TESTS.....	3	TETHERED BALLOONS.....	1
TENSION.....	1	TETHERING.....	2
TENSOMETERS.....	1	TETHERLINES.....	5
TERMINAL.....	1	TETRAHEDRONS.....	1
TERMINAL.....	1	TETRODES.....	1
TERMINAL FACILITIES.....	3	TEXTS.....	3
TERMINAL GUIDANCE.....	5	TEXTURES.....	5
TERMINALS.....	4	THAILAND.....	1
TERMINOLOGY.....	2	THEMATIC MAPPING.....	15
TERMS.....	1	THEODOLITES.....	7
TERRADYNAMICS.....	1	THEOREM PROVING.....	14
TERRAIN ANALYSIS.....	14	THEOREMS.....	4
TERRAIN FOLLOWING AIRCRAFT....	3	THERAPY.....	1
TERRESTRIAL PLANETS.....	1	THERMAL ANALYSIS.....	2
TERRESTRIAL RADIATION.....	1	THERMAL CONDUCTIVITY.....	6
TEST CHAMBERS.....	3	THERMAL CONDUCTIVITY GAGES....	1
TEST EQUIPMENT.....	27	THERMAL CONDUCTORS.....	1
TEST FACILITIES.....	50	THERMAL CYCLING TESTS.....	6

SECONDARY KEYS

Key	No.	Key	No.
THERMAL DEGRADATION.....	1	THERMOGRAVIMETRY.....	1
THERMAL EMISSION.....	1	THERMOMETERS.....	1
THERMAL ENERGY.....	1	THERMOPHYSICAL PROPERTIES.....	2
THERMAL ENVIRONMENTS.....	5	THERMOPLASTIC FILMS.....	3
THERMAL EXPANSION.....	6	THERMOPLASTIC RESINS.....	1
THERMAL FATIGUE.....	1	THERMOREGULATION.....	1
THERMAL INSTABILITY.....	1	THESES.....	3
THERMAL INSULATION.....	3	THICK FILMS.....	3
THERMAL MAPPING.....	6	THICK WALLS.....	2
THERMAL NOISE.....	3	THICKNESS.....	6
THERMAL PROTECTION.....	7	THICKNESS RATIO.....	1
THERMAL RADIATION.....	3	THIN FILMS.....	12
THERMAL RESISTANCE.....	1	THIN LAYER CHROMATOGRAPHY.....	1
THERMAL STABILITY.....	5	THIN PLATES.....	3
THERMAL STRESSES.....	11	THIN WALLED SHELLS.....	2
THERMAL VACUUM TESTS.....	3	THOMSON SCATTERING.....	1
THERMIONS.....	1	THREAT EVALUATION.....	5
THERMISTORS.....	4	THREE AXIS STABILIZATION.....	1
THERMOBALANCES.....	1	THREE BODY PROBLEM.....	1
THERMOCHROMATIC MATERIALS.....	1	THREE DIMENSIONAL BODIES.....	8
THERMOCOUPLES.....	6	THREE DIMENSIONAL FLOW.....	2
THERMODYNAMIC PROPERTIES.....	9	THRESHOLD DETECTORS DOSIMETER.....	1
THERMODYNAMICS.....	6	THRESHOLD GATES.....	1
THERMOELASTICITY.....	3	THRESHOLD LOGIC.....	2
THERMOELECTRIC GENERATORS.....	1	THRESHOLDS.....	6
THERMOGRAPHY.....	2	THRESHOLDS (PERCEPTION).....	4

SECONDARY KEYS

Key	No.	Key	No.
THROATS.....	2	TIME SHARING.....	24
THRUST.....	1	TIME SIGNALS.....	2
THRUST CONTROL.....	1	TIMING DEVICES.....	8
THRUST LOADS.....	1	TIN.....	3
THRUST MEASUREMENT.....	1	TIN ALLOYS.....	1
THRUST REVERSAL.....	1	TIN COMPOUNDS.....	1
THRUST VECTOR CONTROL.....	2	TIRES.....	1
THUNDERSTORMS.....	4	TIROS N SERIES SATELLITES.....	1
THYRISTORS.....	5	TISSUES (BIOLOGY).....	4
TIGHTNESS.....	2	TITAN.....	1
TIM.....	1	TITANIUM.....	3
TIMBER INVENTORY.....	3	TITANIUM ALLOYS.....	8
TIMBER VIGOR.....	1	TOKAMAKDEVICES.....	1
TIME.....	7	TOLERANCES (MECHANICS).....	8
TIME CONSTANT.....	1	TOMAHAWK MISSILES.....	1
TIME DEPENDENCE.....	11	TOMOGRAPHY.....	7
TIME DISCRIMINATION.....	1	TOOLING.....	8
TIME DIVISION MULTIPLE ACCESS.	6	TOOLS.....	11
TIME DIVISION MULTIPLEXING....	6	TOPOGRAPHY.....	22
TIME FUNCTIONS.....	1	TOPOLOGY.....	15
TIME LAG.....	19	TOROIDAL PLASMAS.....	1
TIME MEASUREMENT.....	9	TORPEDOES.....	1
TIME OF FLIGHT SPECTROMETERS..	3	TORQUE.....	6
TIME OPTIMAL CONTROL.....	4	TORQUE CONVERTERS.....	1
TIME RESPONSE.....	12	TORQUEMETERS.....	1
TIME SERIES ANALYSIS.....	8	TORQUEMOTORS.....	2

SECONDARY KEYS

Key	No.	Key	No.
TORSION.....	1	TRAINING ANALYSIS.....	7
TORSO.....	1	TRAINING DEVICES.....	13
TOTAL ENERGY SYSTEMS.....	1	TRAINING EVALUATION.....	11
TOUCH.....	2	TRAINING SIMULATORS.....	9
TOWED BODIES.....	2	TRAJECTORIES.....	17
TOWING.....	1	TRAJECTORY ANALYSIS.....	10
TOXIC HAZARDS.....	2	TRAJECTORY CONTROL.....	8
TOXICITY.....	1	TRAJECTORY MEASUREMENT.....	3
TOXICITY AND SAFETY HAZARD....	1	TRAJECTORY OPTIMIZATION.....	4
TRACE ELEMENTS.....	1	TRAN.....	1
TRACERS.....	1	TRANSDUCER.....	1
TRACING.....	1	TRANSDUCERS.....	11
TRACKER.....	2	TRANSEARTH INJECTION.....	1
TRACKING (POSITION).....	22	TRANSFER FUNCTIONS.....	13
TRACKING FILTERS.....	7	TRANSFER OF TRAINING.....	2
TRACKING NETWORKS.....	4	TRANSFERRED ELECTRON DEVICES..	1
TRACKING POSITION.....	1	TRANSFERRING.....	2
TRACKING PROBLEM.....	6	TRANSFORMATIONS.....	1
TRACKING RADAR.....	2	TRANSFORMATIONS (MATHEMATICS)..	13
TRACKING STATIONS.....	2	TRANSFORMERS.....	2
TRACKS.....	1	TRANSIENT OSCILLATIONS.....	1
TRADEOFFS.....	30	TRANSIENT RESPONSE.....	5
TRAFFIC.....	2	TRANSISTOR AMPLIFIERS.....	2
TRAFFIC CONTROL.....	2	TRANSISTOR CIRCUITS.....	7
TRAILERS.....	1	TRANSISTOR LOGIC.....	2
TRAILING EDGES.....	1	TRANSISTORS.....	6

SECONDARY KEYS

Key	No.	Key	No.
TRANSIT TIME.....	5	TRANSPORTATION NETWORKS.....	1
TRANSITION METALS.....	1	TRANSURANIUM ELEMENTS.....	1
TRANSITION PROBABILITIES.....	1	TRAVELING SALESMAN PROBLEM....	1
TRANSLATING.....	3	TRAVELING WAVE AMPLIFIERS.....	2
TRANSLATIONAL MOTION.....	2	TRAVELING WAVE TUBES.....	8
TRANSLATORS.....	3	TREATMENT.....	1
TRANSMISSION.....	3	TREES.....	1
TRANSMISSION CIRCUITS.....	2	TREES (MATHEMATICS).....	16
TRANSMISSION EFFICIENCY.....	14	TREES (PLANTS).....	1
TRANSMISSION LINES.....	27	TRENDS.....	4
TRANSMISSION LOSS.....	8	TRIANGLES.....	2
TRANSMISSIONS MACHINE ELEMENT.	3	TRIANGULATION.....	11
TRANSMISSIVITY.....	1	TRIBOLOGY.....	2
TRANSMITTANCE.....	2	TRIGGER CIRCUITS.....	5
TRANSMITTER RECEIVERS.....	1	TRIGONOMETRIC FUNCTIONS.....	1
TRANSMITTERS.....	7	TROPICAL REGIONS.....	1
TRANSONIC FLOW.....	5	TROPOSPHERE.....	2
TRANSONIC WIND TUNNELS.....	4	TRUCKS.....	1
TRANSPARENCE.....	4	TRUNCATION ERRORS.....	5
TRANSPONDERS.....	5	TRUSSES.....	5
TRANSPORT AIRCRAFT.....	9	TTL INTEGRATED CIRCUITS.....	4
TRANSPORT PROPERTIES.....	2	TUBE GRIDS.....	3
TRANSPORT THEORY.....	3	TUBES.....	4
TRANSPORT VEHICLES.....	3	TUMBLING MOTION.....	1
TRANSPORTATION.....	10	TUMORS.....	1
TRANSPORTATION ENERGY BROWSE 2	1	TUNABLE LASERS.....	2

SECONDARY KEYS

Key	No.	Key	No.
TUNDRA.....	1	TURBULENT JETS.....	1
TUNGSTEN ALLOYS.....	1	TURING MACHINES.....	6
TUNGSTEN HALIDES.....	1	TURN AROUND (STS).....	1
TUNING.....	7	TURNING FLIGHT.....	2
TUNING BROWSE 2.....	1	TWISTED WINGS.....	1
TUNING FORK GYROSCOPES.....	1	TWO DIMENSIONAL BODIES.....	2
TUNNELING (EXCAVATION).....	1	TWO DIMENSIONAL BOUNDARY LAYER	1
TUNNELS.....	1	TWO DIMENSIONAL FLOW.....	1
TURBIDITY.....	1	TWO PHASE FLOW.....	1
TURBINE BLADES.....	8	TWO-WAVELENGTH LASERS.....	3
TURBINE ENGINES.....	1	TYPEWRITERS.....	1
TURBINE INSTRUMENTS.....	1	U-2 AIRCRAFT.....	2
TURBINE WHEELS.....	1	U.S.S.R.....	35
TURBINES.....	1	U.S.S.R. SPACE PROGRAM.....	9
TURBO FAN ENGINES.....	5	UBV SPECTRA.....	3
TURBO MACHINERY.....	3	UH-60A HELICOPTER.....	1
TURBOCOMPRESSORS.....	2	ULLAGE.....	1
TURBOJET ENGINES.....	1	ULTRA HIGH FREQUENCIES.....	8
TURBOMACHINE BLADES.....	1	ULTRASHORT PULSED LASERS.....	1
TURBOPROP AIRCRAFT.....	1	ULTRASONIC CLEANING.....	1
TURBOPROP ENGINES.....	1	ULTRASONIC FLAW DETECTION.....	16
TURBULENCE.....	5	ULTRASONIC RADIATION.....	2
TURBULENCE METERS.....	1	ULTRASONIC SCANNERS.....	2
TURBULENT BOUNDARY LAYER.....	1	ULTRASONIC TESTS.....	15
TURBULENT DIFFUSION.....	1	ULTRASONIC WAVE TRANSDUCERS...	5
TURBULENT FLOW.....	4	ULTRASONIC WELDING.....	1

SECONDARY KEYS

Key	No.	Key	No.
ULTRASONICS.....	3	UNITED KINGDOM.....	11
ULTRAVIOLET ABSORPTION.....	2	UNITED NATIONS.....	1
ULTRAVIOLET ASTRONOMY.....	4	UNITED STATES.....	2
ULTRAVIOLET FILTERS.....	1	UNIVAC COMPUTERS.....	1
ULTRAVIOLET PHOTOGRAPHY.....	6	UNIVERSAL TIME.....	1
ULTRAVIOLET RADIATION.....	7	UNIVERSITIES.....	4
ULTRAVIOLET SPECTRA.....	5	UNIVERSITY PROGRAM.....	3
ULTRAVIOLET SPECTROMETERS.....	3	UNLOADING.....	4
ULTRAVIOLET SPECTROPHOTOMETERS	2	UNMANNED SPACECRAFT.....	1
ULTRAVIOLET SPECTROSCOPY.....	2	UNSTEADY FLOW.....	1
ULTRAVIOLET TELESCOPES.....	4	UNSTEADY STATE.....	2
ULYSSES MISSION.....	1	UP-CONVERTERS.....	1
UMBILICAL CONNECTORS.....	3	UPGRADING.....	3
UNDERGROUND EXPLOSIONS.....	1	UPLINKING.....	3
UNDERGROUND STORAGE.....	17	UPPER ATMOSPHERE.....	1
UNDERGROUND STRUCTURES.....	1	UPPER STAGE ROCKET ENGINES....	1
UNDERWATER ACOUSTICS.....	5	URANIUM.....	3
UNDERWATER BREATHING APPARATUS	2	URANIUM 235.....	1
UNDERWATER ENGINEERING.....	2	URANUS (PLANET).....	1
UNDERWATER OPTICS.....	1	URBAN DEVELOPMENT.....	1
UNDERWATER PHOTOGRAPHY.....	9	URBAN TRANSPORTATION.....	4
UNDERWATER RESEARCH LABORATORI	1	URINALYSIS.....	1
UNDERWATER STRUCTURES.....	2	USER MANUALS (COMPUTER PROGRAM	1
UNDERWATER TESTS.....	1	USER MANUALS COMPUTER PROGRAM.	45
UNDERWATER VEHICLES.....	5	UTAH.....	1
UNIONS (CONNECTORS).....	1	UTILITIES.....	2

SECONDARY KEYS

Key	No.	Key	No.
UTILITY AIRCRAFT.....	1	VARIATIONS.....	2
UTILIZA.....	1	VARISTORS.....	1
UTILIZATION.....	11	VAX COMPUTERS.....	1
VACANCIES (CRYSTAL DEFECTS)...	1	VAX-11.....	8
VACUUM.....	2	VAX-11 SERIES COMPUTERS.....	2
VACUUM APPARATUS.....	1	VECTOR ANALYSIS.....	23
VACUUM CHAMBERS.....	4	VECTOR SPACES.....	4
VACUUM DEPOSITION.....	3	VECTORS (MATHEMATICS).....	9
VACUUM EFFECTS.....	1	VECTORS (MATHEMATICS).....	1
VACUUM FURNACES.....	2	VEGA PROJECT.....	1
VACUUM MELTING.....	1	VEGETATION.....	2
VACUUM PUMPS.....	1	VEGETATION GROWTH.....	1
VACUUM SYSTEMS.....	5	VEHICLES.....	1
VACUUM TESTS.....	1	VELOCITY.....	3
VACUUM TUBES.....	1	VELOCITY DISTRIBUTION.....	3
VALIDITY.....	6	VELOCITY ERRORS.....	2
VALUE ENGINEERING.....	5	VELOCITY MEASUREMENT.....	14
VALVES.....	2	VENERA SATELLITES.....	6
VAPOR DEPOSITION.....	4	VENEZUELA.....	1
VAPOR PHASES.....	5	VENTILATION.....	7
VARACTOR DIODES.....	1	VENTRAL SECTIONS.....	1
VARIABILITY.....	6	VENUS (PLANET).....	4
VARIABLE.....	1	VENUS PROBES.....	1
VARIABLE STARS.....	2	VENUS SURFACE.....	6
VARIANCE (STATISTICS).....	5	VENUSATMOSPHERE.....	2
VARIATIONAL PRINCIPLES.....	1	VERBAL COMMUNICATION.....	4

SECONDARY KEYS

Key	No.	Key	No.
VERSATILITY.....	1	VIDEO COMMUNICATION.....	8
VERTICAL ORIENTATION.....	5	VIDEO DATA.....	35
VERTICAL TAKEOFF AIRCRAFT.....	3	VIDEO DISKS.....	2
VERY HIGH FREQUENCIES.....	1	VIDEO EQUIPMENT.....	31
VERY LARGE SC.....	1	VIDEO SIGNALS.....	5
VERY LARGE SCALE IN.....	1	VIDICONS.....	20
VERY LARGE SCALE INTEGRATION..	1	VIEWING.....	3
VERY LARGE SCALE INTEGRATION..	1	VIGNETTING.....	2
VESTIBULAR TESTS.....	2	VIKING LANDER 1.....	1
VHF OMNI RANGE NAVIGATION.....	1	VIKING LANDER 2.....	1
VHSIC.....	1	VIKING LANDER SPACECRAFT.....	4
VHSIC.....	1	VIKING MARS PROGRAM.....	2
VHSIC (CIRCUITS).....	17	VIKING ORBITER SPACECRAFT.....	2
VIABILITY.....	1	VIKING SPACECRAFT.....	1
VIBRATION.....	14	VINYL POLYMERS.....	1
VIBRATION DAMPING.....	8	VIRGO GALACTIC CLUSTER.....	2
VIBRATION EFFECTS.....	6	VIRTUAL MEMORY SYSTEMS.....	1
VIBRATION ISOLATORS.....	6	VIRTUAL PROPERTIES.....	1
VIBRATION MEASURE.....	1	VISCOELASTICITY.....	2
VIBRATION MEASUREMENT.....	12	VISCOSITY.....	5
VIBRATION MODE.....	4	VISCOUS FLOW.....	2
VIBRATION SIMULATORS.....	2	VISIBILITY.....	4
VIBRATION TESTS.....	23	VISIBLE SPECTRUM.....	4
VIBRATIONAL.....	1	VISION.....	10
VIBRATIONAL SPECTRA.....	3	VISION.....	1
VIBRATIONAL STRESS.....	1	VISORS.....	1

SECONDARY KEYS

Key	No.	Key	No.
VISUAL ACUITY.....	3	VOLUME.....	3
VISUAL AIDS.....	4	VOLUME.....	3
VISUAL CONTROL.....	6	VOLUMETRIC ANALYSIS.....	2
VISUAL DISCRIMINATION.....	2	VORTICES.....	2
VISUAL FIELDS.....	3	VOYAGER 1 SPACECRAFT.....	1
VISUAL OBSERVATION.....	4	VOYAGER 2 SPACECRAFT.....	1
VISUAL PERCEPTION.....	15	VOYAGER PROJECT.....	6
VISUAL SIGNALS.....	1	VULNERABILITY.....	19
VISUAL STIMULI.....	6	WAFERS.....	13
VISUAL TASKS.....	5	WAKES.....	4
VITRIFICATION.....	3	WALKING.....	1
VOICE COMMUNICATION.....	18	WALKING MACHINES.....	6
VOICE CON.....	1	WALSH FUNCTION.....	1
VOICE CONTROL.....	7	WAR GAMES.....	1
VOICE DATA PROCESSING.....	7	WARFARE.....	5
VOIDS.....	1	WARHEADS.....	2
VOLATILITY.....	1	WARNING SYSTEMS.....	16
VOLCANOES.....	1	WARPAGE.....	1
VOLCANOLOGY.....	1	WASTE DISPOSAL.....	30
VOLT-AMPERE CHARACTERISTICS...	11	WASTE TREATMENT.....	2
VOLTAGE CONTROLLED OSCILLATORS	1	WASTE UTILIZATION.....	1
VOLTAGE CONVERTERS (DC TO DC)...	4	WATER.....	6
VOLTAGE GENERATORS.....	2	WATER CURRENTS.....	1
VOLTAGE REGULATORS.....	4	WATER DEPTH.....	1
VOLTERRA EQUATIONS.....	1	WATER HEATING.....	1
VOLTMETERS.....	4	WATER POLLUTION.....	2

SECONDARY KEYS

Key	No.	Key	No.
WATER PRESSURE.....	1	WEAPON SYSTEMS.....	1
WATER QUALITY.....	3	WEAPONS.....	5
WATER TREATMENT.....	1	WEAPONS DELIVERY.....	13
WATER TUNNEL TESTS.....	1	WEAPONS DELIVERY.....	1
WATER VAPOR.....	1	WEAPONS DEVELOPMENT.....	3
WATER WAVES.....	3	WEAPONS INDUSTRY.....	2
WATERCOOLED REACTORS.....	1	WEAR.....	1
WATERPROOFING.....	1	WEAR TESTS.....	1
WAVE ATTENUATION.....	1	WEATHER.....	5
WAVE DIFFRACTION.....	4	WEATHER DATA RECORDERS.....	1
WAVE DISPERSION.....	4	WEATHER FORECASTING.....	6
WAVE EQUATIONS.....	1	WEATHER STATIONS.....	4
WAVE FORMS.....	9	WEATHERING.....	2
WAVE FRONT DEFORMATION.....	3	WEAVING.....	2
WAVE FRONT RECONSTRUCTION.....	4	WEAVING.....	1
WAVE FRONTS.....	3	WEBS (SHEETS).....	1
WAVE GENERATION.....	1	WEBS (SUPPORTS).....	2
WAVE INTERACTION.....	1	WEDGE FLOW.....	1
WAVE PROPAGATION.....	7	WEDGES.....	2
WAVE REFLECTION.....	2	WEIBULL DENSITY FUNCTIONS.....	4
WAVEGUIDES.....	10	WEIGHT (MASS).....	5
WAVELENGTH DIVISION MULTIPLEXI	1	WEIGHT ANALYSIS.....	1
WAVELENGTHS.....	7	WEIGHT INDICATORS.....	1
WEA.....	1	WEIGHT MEASUREMENT.....	2
WEAPON SYSTEM MANAGEMENT.....	9	WEIGHT REDUCTION.....	9
WEAPON SYSTEMS.....	65	WEIGHTING FUNCTIONS.....	8

SECONDARY KEYS

Key	No.	Key	No.
WEIGHTLESSNESS.....	19	WIND TUNNEL APPARATUS.....	5
WEIGHTLESSNESS SIMULATION.....	1	WIND TUNNEL CALIBRATION.....	1
WELD STRENGTH.....	2	WIND TUNNEL DRIVES.....	1
WELD TESTS.....	7	WIND TUNNEL TESTS.....	18
WELDABILITY.....	2	WIND TUNNEL WALLS.....	1
WELDED JOINT.....	1	WIND TUNNELS.....	1
WELDED JOINTS.....	7	WIND TURBINES.....	3
WELDED STRUCTURES.....	1	WIND VELOCITY.....	8
WELDING.....	12	WIND VELOCITY MEASUREMENT.....	1
WELDING MACHINES.....	4	WINDING.....	1
WELLS.....	8	WINDMILLS WINDPOWERED MACHINE.	1
WEST GERMANY.....	10	WINDOWS.....	1
WESTAR SATELLITES.....	1	WINDOWS (APERTURES).....	4
WETLANDS.....	4	WINDOWS (INTERVALS).....	1
WETTING.....	1	WINDPOWER UTILIZATION BR 2....	1
WHEAT STONE BRIDGES.....	2	WINDPOWERED GENERATORS.....	1
WHEELCHAIRS.....	1	WINDTUNNEL MODELS.....	6
WHISTLERS.....	1	WING TANKS.....	1
WHITE DWARF STARS.....	2	WING-FUSELAGE STORES.....	1
WHITE LIGHT HOLOGRAPHY.....	2	WINGS.....	2
WHITE NOISE.....	2	WINTER.....	1
WHITE NOISEMINS:.....	1	WIRE.....	8
WIDE ANGLE LENSES.....	13	WIRE BRIDGE CIRCUITS.....	1
WIND (METEOROLOGY).....	1	WIRELESS COMMUNICATION.....	1
WIND DIRECTION.....	1	WIRING.....	8
WIND EFFECTS.....	4	WOOD.....	1

SECONDARY KEYS

Key	No.	Key	No.
WORD PROCESSING.....	12	XENON.....	1
WORD PROCESSING.....	1	XEROGRAPHY.....	1
WORDS (LANGUAGE).....	6	YAG LASERS.....	6
WORK.....	4	YAW.....	1
WORK CAPACITY.....	5	YIELD.....	2
WORK-REST CYCLE.....	1	YIELD POINT.....	1
WORKLOADS (PSYCHOPHYSIOLOGY)...	23	ZENITH.....	1
WORKSTATIONS.....	2	ZINC OXIDES.....	1
X RAY.....	1		
X RAY ANALYSIS.....	6		
X RAY APPARATUS.....	6		
X RAY ASTRON.....	1		
X RAY ASTRONOMY.....	11		
X RAY DIFFRACTION.....	4		
X RAY IMAGERY.....	13		
X RAY INSPECTION.....	6		
X RAY INSPECTION.....	1		
X RAY IRRADIATION.....	1		
X RAY LASERS.....	1		
X RAY SOURCES.....	3		
X RAY SPECTRA.....	1		
X RAY SPECTROSCOPY.....	2		
X RAY TELESCOPES.....	11		
X RAYASTROPHYSICS FACILITY....	4		
X RAYS.....	8		
X-Y PLOTTERS.....	4		